NAVY TRAINING SYSTEM PLAN

FOR THE

CONSOLIDATED

ROCKET SYSTEMS

N88-NTSP-A-50-9801/A

AUGUST 2000

CONSOLIDATED ROCKET SYSTEMS

EXECUTIVE SUMMARY

This Navy Training System Plan (NTSP) has been developed by the Naval Air Systems Command to identify Manpower, Personnel, and Training requirements associated with the Consolidated (2.75 Inch and 5.0 Inch) Rocket Systems. The Consolidated Rocket Systems are currently in Phase III (Production, Deployment, and Operational Support) of the Weapon System Acquisition Process. No previous NTSP exists for the Consolidated Rocket Systems.

Rockets are unguided, general-purpose weapons primarily used against ground targets. The rockets can also be used to illuminate and mark ground targets, and deliver chaff countermeasure systems. The rockets are assembled into complete all-up-rounds to deliver a variety of payloads. The type of fuze and warhead combination is determined by the tactical requirement.

The Consolidated Rocket Systems were initially developed and deployed in the 1950s, and can be fired with a variety of payloads from either fixed-wing (F/A-18, AV-8, P-3, and S-3) or rotary wing (AH-1W and UH-1N) aircraft. This NTSP covers the most recent advances to the systems and identifies requirements for support of their training courses.

Limited corrective maintenance is required at the organizational and intermediate maintenance levels as prescribed by the Naval Ordnance Maintenance Management Program (NOMMP), Office of Chief of Naval Operations (OPNAV) Instruction 8000.16 (Series). There are no depot level maintenance requirements for Consolidated Rocket Systems. These functions are within the capability of existing Navy Enlisted Classifications and Marine Corps Military Occupational Specialties.

The Consolidated Rocket Systems do not have any impact on existing manpower requirements for officers, flight crews, or ground crews for squadrons, weapons departments (ashore or afloat), or training activities. Existing manpower is adequate to support the Consolidated Rocket Systems.

The Consolidated Rocket Systems training program consists of initial and follow-on training for operator and maintenance personnel. Initial training was provided to Operational Evaluation operator and maintenance personnel, Fleet Readiness Squadron personnel, Fleet Replacement Enlisted Skills Training personnel, and Maintenance Training Unit personnel. All follow-on organizational and intermediate level training courses have been updated to include information on the Consolidated Rocket Systems. At this time no new training courses are required. The Consolidated Rocket Systems have been delivered to all user activities.

CONSOLIDATED ROCKET SYSTEMS

TABLE OF CONTENTS

CONSOLIDATED ROCKET SYSTEMS

LIST OF ACRONYMS

AIMD	Aircraft Intermediate Maintenance Department
AMTCS	Aviation Maintenance Training Continuum System
AO	Aviation Ordnanceman
BBU	Ballistic Booster Unit
CBT	Computer-Based Training
CIN	Course Identification Number
CINCLANTFLT	Commander In Chief, Atlantic Fleet
CINCPACFLT	Commander In Chief, Pacific Fleet
CMC	Commandant of the Marine Corps
CNET	Chief of Naval Education and Training
CNO	Chief of Naval Operations
COMNAVAIRPAC	Commander, Naval Air Force, Pacific Fleet
COMNAVAIRESFOR	Commander, Naval Air Reserve Force
CWTPI	Conventional Weapon Technical Proficiency Inspection
DT	Developmental Test
EOD	Explosive Ordnance Disposal
FMS	Foreign Military Sales
FMU	Fuze Mechanical Unit
FREST	Fleet Replacement Enlisted Skills Training
FRS	Fleet Readiness Squadron
HE	High Explosive
HERO	Hazards of Electromagnetic Radiation to Ordnance
H&HS	Headquarters and Headquarters Squadron
ILSP	Integrated Logistics Support Plan
IR	Infrared
MALS	Marine Aviation Logistics Squadron
MATMEP	Maintenance Training Management and Evaluation Program
MAWTS	Marine Air Weapons and Tactics Squadron
MCCDC	Marine Corps Combat Development Command
MCAS	Marine Corps Air Station

CONSOLIDATED ROCKET SYSTEMS

LIST OF ACRONYMS

MOS	Military Occupational Specialty
MTIP	Maintenance Training Improvement Program
MTU	Maintenance Training Unit
NA	Not Applicable
NAMTRAGRU DET	Naval Aviation Maintenance Training Group Detachment
NAS	Naval Air Station
NATEC	Naval Air Technical Data and Engineering Services Command
NAVAIRSYSCOM	Naval Air Systems Command
NAVSCOLEOD	Naval School Explosive Ordnance Disposal
NEC	Navy Enlisted Classification
NFO	Naval Flight Officer
NOMMP	Naval Ordnance Maintenance Management Program
NS	Naval Station
NSWC	Naval Surface Warfare Center
NTSP	Navy Training System Plan
OPNAV	Office of the Chief of Naval Operations
OPNAVINST	OPNAV Instruction
OPO	OPNAV Principal Official
OT	Operational Test
PD	Point Detonating
PIP	Product Improvement Program
PMA	Program Manager, Air
PSP	Phased Support Plan
QUAL/CERT	Explosives Handling Personnel Qualification and Certification
RFT	Ready For Training
RP	Red Phosphorus
SELRES	Selected Reserves
TD	Training Device
TFS	Total Force Structure
TTE	Technical Training Equipment

CONSOLIDATED ROCKET SYSTEMS

LIST OF ACRONYMS

USMC   United States Marine Corps

VT   Variable Time

WP   White Phosphorus
WSO   Weapon System Operator

CONSOLIDATED ROCKET SYSTEMS

PREFACE

This Approved Navy Training System Plan (NTSP) for the Consolidated Rocket Systems was prepared as part of the NTSP update process within guidelines set forth in Navy Training Requirements Documentation Manual OPNAV Publication P-751-1-9-97. This NTSP reflects changes that have occurred since the Consolidated Rocket Systems Draft NTSP, N889-NTSP-Z-50-9801/D, dated June 1998. This version incorporates comments received from the fleet, and updated Technical Training Equipment and Points of Contact.

PART I - TECHNICAL PROGRAM DATA

A. NOMENCLATURE-TITLE-PROGRAM

    1. Nomenclature-Title-Acronym. Consolidated Rocket Systems

    2. Program Element. 0205601N

B. SECURITY CLASSIFICATION

    1. System Characteristics .... Unclassified
    2. Capabilities .... Secret
    3. Functions .... Unclassified

C. MANPOWER, PERSONNEL, AND TRAINING PRINCIPALS

OPNAV Principal Official (OPO) Program Sponsor .... CNO (N880D5)

OPO Resource Sponsor .... CNO (N880D5)

Marine Corps Program Sponsor .... CMC (ASM-1, ASL-30, ASM-51)

Developing Agency .... NAVAIRSYSCOM (PMA242)

Training Agency .... CINCLANTFLT
CINCPACFLT
CNET
MCCDC

Training Support Agency .... NAVAIRSYSCOM (PMA205)

Manpower and Personnel Mission Sponsor .... CNO (N12)
NAVPERSCOM (PERS-4B, PERS-404)

Director of Naval Training .... CNO (N7)

Commander, Reserve Program Manager .... COMNAVAIRESFOR

Marine Corps Force Structure .... MCCDC (C53)

D. SYSTEM DESCRIPTION

1. Operational Uses. The Consolidated Rocket Systems consist of two separate rocket systems. They are categorized by size; the 2.75 Inch and 5.0 Inch. Hereafter, in this document, they will be referred to as the 2.75 Inch Rocket and 5.0 Inch Rocket when describing each configuration, or Consolidated Rocket Systems when referring to both configurations. Both systems are unguided, general-purpose weapons with the ability to deliver varying payloads, depending on mission requirements. The Consolidated Rocket Systems are employed on F/A-18, AV-8, P-3, and S-3 fixed-wing aircraft and AH-1W and UH-1N rotary-wing aircraft.

2. Foreign Military Sales. Specific Foreign Military Sales (FMS) information can be obtained through the Navy International Program Office and Program Manager, Naval Air Systems Command (NAVAIRSYCOM), Air (PMA) 242.

E. DEVELOPMENTAL TEST AND OPERATIONAL TEST

1. 2.75 Inch Rocket System. The Mk 66 rocket motor was initially designed and approved for service use in May 1972, however, this motor (Mod 0) never entered production. In October 1977 a Product Improvement Program (PIP) was initiated to improve the accuracy of the Mk 66 Rocket when fired from rotary wing aircraft and to be compatible with the new Army lightweight rocket launchers. In October 1981, utilizing the PIP, modifications were developed toward making the Mk 66 rocket motor Hazards of Electromagnetic Radiation to Ordnance (HERO) safe. The primary design change was an internal change with the addition of the HERO filter inside a tubular stabilizing rod assembly. Development Test (DT) and qualification testing of this rocket motor modification was completed in August 1983. The rocket motor was certified as HERO safe ordnance in February 1984. Operational Test (OT) of the motor was completed in November 1985. The rocket motor was designated the Mk 66 Mod 2, and full production of this motor began in January 1986. In October 1991 a PIP was initiated to incorporate filters into the Mk 66 motor, to eliminate the HERO filter inside the tubular stabilizing rod assembly. The motor was designated the Mk 66 Mod 4. Qualification testing of this motor was completed in February 1996, and initial production of this motor began in September 1997, with full production beginning in December 1999. The Mk 66 Mod 4 is certified HERO safe ordnance.

Most of the Navy 2.75 Inch rocket warheads and fuzes are Army configurations, which have been qualified (by test and evaluation) for Navy use. These warheads and fuzes were originally qualified for use in the 1970s to 1980s on the obsolete Mk 4 Mk 40 motors, and subsequently qualified for use with the Mk 66 motor. The M278 Infrared (IR) illumination warhead represents the newest warhead in the Navy inventory. It was qualified for Navy use in the early 1990s, with initial production in FY96.

2. 5.0 Inch Rocket System. In the early 1970s a PIP was conducted to develop and qualify a 5.0 Inch rocket motor with improved accuracy and performance. An initial design improvement program produced a new nozzle design with a wrap-around folding-fin configuration that incorporated machined flutes (groves) in the exit cone.

The flutes directed the exhaust gasses to impact spin to the rocket, which improves flight stability and results in reduced dispersion and increased accuracy. This 5.0 Inch rocket motor was designated as the MK 71 Mod 0 and was released for production in February 1971. The second phase of the improvement utilized the additional length made available by the shortened nozzle of the Mk 71 Mod 0. The propellant grain and motor case were lengthened and grain web thickness increased to maximize propellant volume. A more energetic propellant was developed. These design improvements increased total delivered impulse substantially over the Mk 71 Mod 0 motor, resulting in increased range and standoff capability. This motor was designated as the Mk 71 Mod 1. DT of the Mk 71 Mod 1 was completed and a release for production was granted in February 1973. OT was conducted in 1972-73. Full production of the Mk 71 Mod 1 motor began in September 1973.

Most of the 5.0 Inch rocket warheads and fuzes were designed, developed, and qualified in the 1960s to 1970s for the original (now obsolete) Mk 16 rocket motor. The one exception was the Mk 34 Mod 2 Red Phosphorus (RP) Smoke warhead, which was qualified for use in the 1980s.

F. AIRCRAFT AND/OR EQUIPMENT/SYSTEM/SUBSYSTEM REPLACED. The 2.75 Inch rocket and 5.0 Inch rockets were initially introduced into the fleet as new production equipment in the 1950s. The 2.75 Inch Mk 66 motor replaced the now obsolete Mk 4 Mk 40 motors in May 1986. The 5 Inch Mk 71 motor replaced the now obsolete Mk 16 motor in June 1971.

G. DESCRIPTION OF NEW DEVELOPMENT

1. Functional Description. Rockets are unguided, general-purpose weapons primary used against ground targets. Rockets can be used to illuminate and mark ground targets, and deliver chaff countermeasure systems. Rockets are assembled into complete all-up-rounds to deliver a variety of payloads. The type of fuze and warhead combination is determined by the tactical requirement. An improved version of the 2.75 Inch Rocket Mk 66 rocket motor, the Mk 66 Mod 4 began fleet issue in December 1999.

a. 2.75 Inch Rocket. The 2.75 Inch Rocket is comprised of two basic components; a fuzed warhead and a rocket motor. Each component is shipped and stored separately. The launchers required are the LAU-61C/A and the LAU-68D/A. Rocket motors are made of aluminum tubes that house components that propel and stabilize the rocket in flight. The forward end of the tubes are threaded internally for attaching fuzed warheads and the aft end is grooved to attach the nozzle and fin assembly.

(1) Warheads and Fuzes. Warheads are metal cases with the payload filler encased. They are threaded internally on the forward end for the attachment of a fuze, and threaded externally on the aft end to interface with the rocket motor. Fuzes provide the means for warhead initiation and function. They come in a variety of shapes, sizes, and weights. Fuzes are primarily classified by their location in the warhead. They are threaded on the aft end for insertion

into the forward end of warheads, adapters, and are classified as nose fuzes, or they are permanently installed in the aft end of the warhead and classified as base fuzes. There are a variety of 2.75 Inch Rocket fuzed warheads available to deliver different payloads. They are as follows:

PAYLOAD	FUZED WARHEAD
High Explosive (HE) Fragmentation	M151, HE Warhead, with Fuze M423 Point Detonating (PD), M427 (PD), Mk 352 Mod 2 (PD)
Smoke White Phosphorus (WP)	M156, or MK 67 Mod 0, WP Warhead with Fuze M423 (PD), M427 (PD), or Mk 352 Mod 2 (PD)
Smoke (RP)	Mk 67 Mod 1, (RP) Warhead with Fuze M427 (PD) or Mk 352 Mod 2 (PD)
Flare (Illumination)	M257 (Visible), or M278 (Infrared) Warhead with Fuze M442
Flechette (Helicopter use only)	Warhead Delivery Unit-4A/A with Fuze Model 113A
Practice	Warhead Training Unit-1/B

(2) Rocket Motor. The Mk 66 Mod 2 Rocket Motor replaced the obsolete Mk 4 and Mk 40 Motors. The Mk 66 Mod 4 Rocket Motor was developed and qualified to replace the Mk 66 Mod 2. The Mod 4 Rocket Motor is designated as the current standard motor for 2.75 Inch rockets. The rocket motor provides the "body" of the weapon. It contains the motor tube, propellant grain, a filtered nozzle assembly, a filtered igniter assembly, a stabilizing rod assembly, and other internal components. It also provides flight stabilization with three built-in wrap-around fins and canted flutes, which are part of the nozzle assembly. The Mk 66 Mod 2 and 4 Rocket Motors are packaged and shipped in the Mk 706 Mod 0 metal shipping container, four motors per container. In addition the motors can be preloaded in the LAU-61C/A or LAU-68D/A Rocket Launchers, which are designated as clusters.

The Mk 66 inert rocket motor is the inert version for the Mk 66 Mod 2/4 motor. The inert motor can be used for loading, assembly, and handling training. It has the same handling characteristics (weight and center of gravity) as the explosive loaded unit.

b. 5.0 Inch Rocket. The 5.0 Inch Rocket is comprised of three basic components; a fuze, a warhead, and a rocket motor. The launchers required are the LAU-10C/A or the LAU-10D/A.

(1) Warheads and Fuzes. There are a variety of 5.0 Inch Rocket warhead and fuze combinations available to deliver different payloads. They are as follows:

PAYLOAD	WARHEAD	FUZE
Fragmentation (HE)	Mk 63 Mod 0	Mk 93 Mod 0 Variable Time (VT), and Mk 352 Mod 2 (PD) with Ballistic Booster Unit (BBU)-15/B Booster Adapter, Fuze Mechanical Unit (FMU)-90/B (PD) with BBU-15/B Booster Adapter
General Purpose (HE)	Mk 24 Mod 0, 1	Mk 93 Mod 0, Mk 188 Mod 0, Mk 352 Mod 2 with BBU-15/B Booster Adapter, FMU-90/B with BBU-15/B Booster Adapter, and permanently installed Mk 191 Mod 0 Base Fuze (Mod 0 only)
Anti Tank/Anti Personnel	Mk 32 Mod 0	Mk 93 Mod 0, Mk 188 Mod 0 and Mk 352 Mod 2 with BBU-15/B Booster Adapter, FMU-90/B with BBU-15/B Booster Adapter
Flare (Illumination)	Mk 33 Mod 1	Permanently installed Mk 193 Mod 0 Fuze
Smoke (WP)	Mk 34 Mod 0	Mk 93 Mod 0 with Special Adapter, Mk 188 Mod 0 and Mk 352 Mod 2 with BBU-15/B Booster Adapter, FMU-90/B with BBU-15/B Booster Adapter
Smoke (RP)	Mk 34 Mod 2	Mk 188 Mod 0 and Mk 352 Mod 2 with BBU-15/B Booster Adapter
Chaff/Countermeasure	Mk 84 Mod 4 RR-182/AL	FMU-136/B (Permanently Installed) FMU-136/B (Permanently Installed)
Practice	Mk 6 Mod 7 Mk 24 Mod 0 Mk 32 Mod 0	Solid steel nose ogive or Nose Plug

(2) Rocket Motor. The Mk 71 Mods 0/1 Rocket Motor replaced the obsolete Mk 16 Motor. The Mk 71 Mods 0/1 motors consists of a motor tube and contact band assembly, the igniter, the stabilizing rod assembly, the charge support spring, spacer and cup assembly, the propellant grain assembly, the seal ring, the nozzle and fin assembly, the radiation hazard barrier, and shielding band. The Mk 71 Mod 1 motor is classified as "HERO safe ordnance" when the radiation hazard barrier and shielding band are in place. The Mk 71 Mods 0/1 Motor is packaged and shipped in the Mk 38 Mod 0 wooden shipping container, one motor per container. In addition the motors can be preloaded in the LAU-10C/A and LAU-10D/A launcher which are designated as clusters.

The Mk 71 Mod 1 inert rocket motor is the inert version for the Mk 71 Mod 1 motor. The inert motor can be used for loading and handling training. It has the same handling characteristics (weight and center-of-gravity) as the explosive unit.

c. Launchers. Rocket launchers are a cylindrical construction of aluminum launch tubes. The launch tubes are held together with metal ribs and strongback, and are covered by an aluminum skin. The 2.75 Inch Rocket System uses the 19 round LAU-61C/A and the seven round LAU-68 D/A rocket launchers. These reusable launchers have an external thermal coating that greatly prolongs cook-off protection time. Full production of these launchers began in June 1985. The 5.0 Inch Rocket System uses the four round LAU-10C/A (shore-based use only) and LAU-10D/A (shore-based or shipboard use) rocket launchers. The difference between the LAU-10C/A and LAU-10D/A reusable rocket launchers is the external thermal coating on the LAU-10D/A that greatly prolongs cook-off protection time. Full production of these launchers began in September 1973. Forward and aft thermal electromagnetic shield (barrier) assemblies are required for use with the 2.75 Inch rocket launcher for shipboard use. A forward thermally coated fairing and one aft end thermal shield are required for the 5 Inch LAU-10 launcher for shipboard use. The 2.75 Inch thermal electromagnetic shield and 5 Inch forward thermally coated fairing and aft thermal shield are optional at land based activities. Launchers can be fitted with forward and aft frangible fairings as required.

The Consolidated Rocket System launchers convey and provide a suitable platform from which the rockets are carried and launched. The launchers are mated mechanically to the aircraft by way of suspension lugs. The 2.75 Inch Rocket launchers use 14-inch suspension. The 5.0 Inch Rocket launchers use either a 14-inch or 30-inch suspension. Both launchers require the use of MS-3314 suspension lugs. Electrical connection between the aircraft and the launcher is made through an electrical receptacle located on top of the launcher center section to the aircraft's 28-volt armament circuit. A detailed description is as follows:

(1) LAU-61C/A and LAU-68D/A. The LAU-61C/A (19 rounds) and LAU-68D/A (7 rounds) rocket launchers are thermally coated. The launchers can be fired in single (one at a time) or ripple (one after the other in multiple shots) mode. In ripple mode, the LAU-61C/A can fire 19 rounds in about one second. There are no service life requirements on the launchers. The LAU-61C/A and LAU-68D/A launchers are palletized and shipped using the MHU-108/E metal pallet adapter. There are four LAU-61C/A launchers or nine LAU-68D/A launchers per each pallet adapter.

(2) LAU-10C/A and LAU-10D/A. The LAU-10C/A and LAU-10D/A launchers can also be fired in single or ripple mode. The major difference between the LAU-10C/A and LAU-10D/A reusable rocket launchers is the external thermal coating on the LAU-10D/A that greatly prolongs cook-off protection. The LAU-10C/A is restricted to shore-based use only, due to the lack of a thermal coating. The LAU-10C/A and LAU-10D/A Rocket launchers are palletized and shipped in the MK 58 Mod 1 metal pallet adapter, four launchers per pallet adapter.

2. Physical Description. Separate rocket component configurations may vary with mission needs.

        a. 2.75 Inch Rocket. The warhead is delivered with the nose or base fuze installed. The fuzed warhead combinations are determined by tactical requirements. Overall rocket length and weight will vary dependent on fuzed warhead combination. The following table reflects overall rocket length and weight:

WARHEAD	FUZE	LENGTH (INCHES)	WEIGHT (POUNDS)
M151 (HE)	M423 (PD)	54.39	22.95
	M427 (PD)	54.39	22.95
	Mk 352 (PD)	54.39	22.95
Mk 67 Mod 0	M423 (PD)	55.13	18.75
(Smoke WP)	M427 (PD)	55.13	18.75
	Mk 352 (PD)	55.13	18.75
M156	M423 (PD)	55.13	23.25
(Smoke WP)	M427 (PD)	55.13	23.25
	Mk 352 (PD)	55.13	23.25
Mk 67 Mod 1	M427 (PD)	57.79	22.52
(Smoke RP)	Mk 352 (PD)	57.79	22.52
M257 Illumination (Visible)	M442	73.25	24.45
M278 Illumination (IR)	M442	73.25	24.45
WDU-4A/A Flechette	Model 113A	56.25	22.95
WTU-1/B Practice	Not Applicable (NA)	55.30	23.10

      The 2.75 Inch Rocket uses the Mk 66 Mod 2 and Mod 4 rocket motor exclusively. The following table reflects the 2.75 Inch rocket motor diameter, length, and weight:

ROCKET MOTOR	DIAMETER (INCHES)	LENGTH (INCHES)	WEIGHT (POUNDS)
Mk 66 Mod 2/4 Rocket Motor	2.75	41.75	13.65

b. 5.0 Inch Rocket. The warhead is delivered without the nose fuze installed for most configurations. However, the Mk 33 Mod 1 (Illumination) warhead and Mk 84 Mod 4 and RR-182/AL (Chaff) warheads are assembled with a permanently installed nose fuze. Also the Mk 24 Mod 0 (HE) is assembled with a permanently installed base fuse. The fuze and warhead combination is determined by mission requirements. Overall rocket length and weight will vary depending on the fuzed warhead combination. The following table reflects overall rocket length and weight:

WARHEAD	FUZE	LENGTH (INCHES)	WEIGHT (POUNDS)
Mk 63 Mod 0 (HE-FRAG)	Mk 352 Mod 2 (PD)	109.49	138.30
	Mk 93 Mod 0 (VT)	113.19	138.30
	FMU 90/B (PD)	109.49	138.30
Mk 24 Mod 0, 1 (HE-GP)	Mk 188 Mod 0	94.48	125.20
With Mk 191 Mod 0 Base Fuze	Mk 352 Mod 2	94.48	125.20
(Mod 0 only)	Mk 93 Mod 0	98.18	125.20
	FMU-90/B	94.48	125.20
Mk 32 Mod 0 (AT/APERS)	Mk 188 Mod 0	105.71	124.13
	Mk 352 Mod 2	105.71	124.13
	Mk 93 Mod 0	109.41	124.13
	FMU-90/B	105.71	124.13
Mk 33 Mod 1 * (Illumination)	Mk 193 Mod 0	108.12	125.40
Mk 34 Mod 0 (Smoke WP)	Mk 188 Mod 0	93.58	128.33
	Mk 352 Mod 2	93.58	128.33
	FMU-90/B	93.58	128.33
Mk 34 Mod 2 (Smoke-RP)	Mk 188 Mod 0	93.58	128.33
	Mk 352 Mod 2	93.58	128.33
	Mk 93 Mod 0	97.28	128.33
Mk 84 Mod 4 and RR-182/AL (Chaff)*	FMU-136/B	94.48	125.20
Mk 6 Mod 7 (Primary Practice)	Nose Plug	93.58	128.33
Mk 24 Mod 0 (Practice)	Ogive	95.25	127.84

WARHEAD	FUZE	LENGTH (INCHES)	WEIGHT (POUNDS)
WTU-11/B (Practice)	Inert MK 93 Mod 0	105.71	124.13

* These Warheads are delivered with a permanently installed nose fuze.

The 5.0 Inch Rocket uses the Mk 71 Mod 1 rocket motor exclusively. The following table reflects the 5.0 Inch rocket motor diameter, length, and weight:

ROCKET MOTOR	DIAMETER (INCHES)	LENGTH (INCHES)	WEIGHT (POUNDS)
Mk 71 Mod 1 Rocket Motor	5.12	76.31	79.50

c. Launchers. The dimensions and weights, less frangible fairings and rocket motors are as follows:

2.75 INCH ROCKET	DIAMETER (INCHES)	LENGTH (INCHES)	WEIGHT (POUNDS)
LAU-61C/A Rocket Launcher	16.0	59.8	155
LAU-68D/A Rocket Launcher	10.1	59.8	85

5.0 INCH ROCKET	DIAMETER (INCHES)	LENGTH (INCHES)	WEIGHT (POUNDS)
LAU-10C/A Rocket Launcher	13.9	94.92	113
LAU-10D/A Rocket Launcher	14.0	94.92	142

3. New Development Introduction. NA

4. Significant Interfaces. The Consolidated Rocket Systems interface with the aircraft's armament system.

5. New Features, Configurations, or Material. An improved version of the 2.75 Inch Rocket motor, the Mk 66 Mod 4 rocket motor, incorporates many internal changes for the purpose of safety. The modification to the Mk 66 Mod 4 rocket motor includes a new igniter assembly, designated Mk 311 Mod 0, which has a stabilizing rod assembly threaded into the

igniter case. The new stabilizing rod makes the Mk 66 Mod 4 stabilizing rod six to seven times stronger than the current Mk 66 Mod 2 version. This rocket motor meets all HERO requirements identified in Ordnance Publication (OP) 3565. Initial production of the improved MK 66 Mod 4 rocket motor began in September 1997, and full rate production in December 1999.

There have been no recent improvements to the 2.75 Inch Rocket System since incorporation of the MK 66 Mod 4 motor. There have been no recent improvements to the 5.0 Inch Rocket System.

H. CONCEPTS

1. Operational Concept. Consolidated Rocket Systems are employed in various tactical applications by aircrews. Reliability is specified to be at least 92% (includes proper launch and flight to intended target) with a 90% confidence level.

2. Maintenance Concept. Limited corrective maintenance is required at the organizational and intermediate maintenance levels as prescribed by the Naval Ordnance Maintenance Management Program (NOMMP) OPNAV Instruction (OPNAVINST) 8000.16 (Series). There are no depot level maintenance requirements for Consolidated Rocket Systems.

a. Organizational. Organizational level maintenance units receive 2.75 Inch Rockets and 5.0 Inch Rockets fully assembled and loaded in the launchers. United States Marine Corps (USMC) personnel may be required to load the fully assembled rockets into the launchers at Forward Area Refueling Points. Organizational level Work Center 230 is manned by Navy Aviation Ordnanceman (AO) personnel with Navy Enlisted Classification (NEC) 8319, 8342, 8346, 8347, 8819, 8842, and 8847 and Military Occupational Specialty (MOS) 6531. An overview of the organizational level maintenance tasks from the OPNAVINST 8000.16 (Series) include:

- Aircraft and weapon system inspections
- Aircraft and weapon system release and control system checks
- Weapon uploading and downloading
- Weapon arming and dearming
- Discrepancy reporting
- Complying with Technical Directives and NARs
- Record keeping and reporting

b. Intermediate. Intermediate level maintenance activities' Weapons Departments (ashore or afloat) receive rocket components from the appropriate issuing activity. Rocket system maintenance is performed by Weapons Department Navy AO personnel with NEC 6801 and Marine Corps personnel with MOS 6541. An overview of the Weapons Department intermediate level maintenance tasks from the OPNAVINST 8000.16 (Series) include:

- Receipt, handling, storage, and issue

- Packaging and unpackaging
- Visual inspection
- Minor cleaning
- Minor corrosion control (launchers only)
- Assembling nose fuzes to warheads (5.0 Inch only), and warheads to motors
- Removal and installation of replacement parts as required (launchers only)
- Touch-up painting and stenciling (launchers only)
- Complying with Technical Directives and NARs
- Record keeping and reporting

The ship and shore station Weapons Department provides the rocket launchers. Aircraft Intermediate Maintenance Department (AIMD) Work Center 710 Navy AO personnel with NEC 6802 and USMC personnel with MOS 6541 perform intermediate level maintenance on the rocket launchers.

c. Depot. NA

d. Interim Maintenance. Interim maintenance is not required since the Consolidated Rocket Systems are fielded with full Navy organic support available.

e. Life Cycle Maintenance Plan. There are approved Maintenance Plans for all 2.75 Inch and 5 Inch Rocket System Components. Rockets are expended as missions require or disposed of per OPNAVINST 8000.16 (Series) if unserviceable. The launchers have a 10 mission minimum life expectancy, but are carried and maintained until they are no longer repairable and serviceable; then they are replaced.

3. Manning Concept

a. Aircrew. The Consolidated Rocket Systems are employed by F/A-18, AV-8, P-3, S-3, AH-1W, and UH-1N aircraft Pilots and Weapon System Operators (WSO). No change in aircrew manpower is driven by the Consolidated Rocket Systems.

b. Maintenance Manning. There are no changes to the current rocket system maintenance manpower requirements. Skills and knowledge required to support the Consolidated Rocket Systems are within the scope of existing military ratings, skill levels, and manpower allowances. The current rationale for allocation of ordnance-related billets in Navy and Marine Corps squadrons is not based on overall maintenance workload, but on maintaining weapons loading capabilities. On ships and at intermediate level activities, manpower is based on overall workload.

4. Training Concept. The Consolidated Rocket Systems training program consists of training for operator and maintenance personnel. No new training courses are currently required.

The established training concept for most aviation maintenance training divides "A" School courses into two or more segments called Core and Strand. Many organizational level

"C" School courses are also divided into separate Initial and Career training courses. "A" School Core courses include general knowledge and skills training for the particular rating, while "A" School Strand courses focus on the more specialized training requirements for that rating and a specific aircraft or equipment, based on the student's fleet activity destination. Strand training immediately follows Core training and is part of the "A" School. Upon completion of Core and Strand "A" School, graduates attend the appropriate Initial "C" School for additional specific training. Initial "C" School training is intended for students with a paygrade of E-4 and below. Career "C" School training is provided for E-5 and above personnel to enhance skills and knowledge within their field.

Selected Reserve personnel may earn intermediate level maintenance NECs by attending formal training at Naval Aviation Maintenance Training Group Detachments (NAMTRAGRU DETs) providing a quota and funding are available, and the student is available to attend the training. Specific guidelines are contained in NAVPERSCOM 18068F Volume II, Chapter IV, Navy Enlisted Classifications.

     a. Initial Training. All Consolidated Rocket Systems initial training has been completed.

     b. Follow-on Training. Follow-on training for the Consolidated Rocket Systems is available as part of courses taught at Fleet Readiness Squadrons (FRSs), Maintenance Training Units (MTUs), Fleet Replacement Enlisted Skills Training (FREST) facilities, and Strike Fighter Weapons Schools. The Consolidated Rocket Systems cause no change in current student throughput or chargeable student billets. Follow-on training courses include the Consolidated Rocket Systems and are currently available.

     (1) Operator Training. Pilots and WSOs are trained at the appropriate FRS for specific aircraft operation. Operator skills in tactics and ordnance delivery are further enhanced at the post FRS facilities such as Marine Air Weapons and Tactics Squadron (MAWTS), Strike Fighter Weapons School, and through proficiency training. The list of Pilot, WSO, and Naval Flight Officer (NFO) courses below are minimally impacted by Consolidated Rocket Systems. The following course list is provided for information only.

OPERATOR TRAINING

TITLE	COURSE #	IMPACT
F/A-18 Fleet Replacement Pilot Category 1	D/E-2A-0601	Minor
F/A-18 Fleet Replacement Pilot Category 2A	D/E-2A-0602	Minor
F/A-18 Fleet Replacement Pilot Category 2F	E-2A-0603	Minor
F/A-18 Fleet Replacement Pilot Category 2A	D/E-2A-0604	Minor
F/A-18 Fleet Replacement Pilot Category 2H	E-2A-0605	Minor

TITLE	COURSE #	IMPACT
F/A-18 Fleet Replacement Pilot Category 4	D/E-2A-0606	Minor
F/A-18D Fleet Replacement Pilot Category 1, 2, 3, and 4	None	Minor
F/A-18D WSO Category 1, 2, 3, and 4	None	Minor
AV-8 Pilot Basic, Transition, Conversion, Refresher	None	Minor
P-3C Update 2 Replacement Pilot Category 1	D-2A-1101	Minor
P-3C Pilot Category 3	D-2A-1102	Minor
P-3C and P-3C Update Replacement Pilot Category 1 Pipeline	D-2A-1111	Minor
P-3C and P-3C Update Replacement Pilot Category 3 Pipeline	D-2A-1112	Minor
P-3C Update Replacement Pilot (PXO) Category 3 Pipeline	D-2A-1113	Minor
P-3C Replacement NFO Category 1	D-2D-1101	Minor
P-3C Replacement NFO Category 3	D-2D-1102	Minor
P-3C Fleet TACCO Instructor Under Training	D-2D-1106	Minor
P-3C Replacement NFO Category 4	D-2D-1107	Minor
P-3C and P-3C Update Replacement NFO Category 1 Pipeline	D-2D-1111	Minor
P-3C and P-3C Update Fleet Replacement NFO Category 3 Pipeline	D-2D-1112	Minor
P-3C and P-3C Update Advanced Fleet Replacement NFO Category 4 Pipeline	D-2D-1113	Minor
P-3C Replacement NFO Category 4	D-2D-1115	Minor
S-3B Pilot Category 3 Fleet Replacement Pilot Pipeline	E-2A-1700	Minor
S-3B Category 3 Pilot Transition Training	E-2A-1707	Minor
S-3B Fleet Replacement Pilot Category 1	E-2A-1708	Minor
S-3B Fleet Replacement Pilot Category 2	E-2A-1709	Minor
S-3B Fleet Replacement Pilot Category 4	E-2A-1710	Minor

TITLE	COURSE #	IMPACT
S-3B Fleet Replacement Pilot Category 1 Pipeline	E-2A-1721	Minor
S-3B Fleet Replacement Pilot Category 2 Pipeline	E-2A-1722	Minor
S-3B Fleet Replacement Pilot Category 4	E-2A-1724	Minor
S-3B Fleet Replacement NFO Category 3 Pipeline	E-2D-1701	Minor
S-3B NFO Category 3	E-2D-1700	Minor
S-3B Fleet Replacement NFO Category 2	E-2D-1708	Minor
S-3B Fleet Replacement NFO Category 4	E-2D-1709	Minor
S-3B Fleet Replacement NFO Pipeline Category 1	E-2D-1721	Minor
S-3B Fleet Replacement NFO Category 1	E-2D-1707	Minor
S-3B Fleet Replacement NFO Category 2 Pipeline	E-2D-1722	Minor
AH-1 Pilot Familiarization	C-2C-3356	Minor
UH-1N Familiarization Pilots Course	C-2C-3352	Minor
Aviation Ordnance Office Career Progression Level 1	Q-4E-0010	Minor
Aviation Ordnance Office Career Progression Level 2	Q-4E-0011	Minor
Aviation Ordnance Office Career Progression Level 3	Q-4E-0012	Minor

           (2) Organizational Maintenance. Organizational level maintenance personnel are trained at the appropriate MTU and FREST for specific aircraft maintenance. Weapon loading skills are further enhanced at Shore Facilities Weapons Stations, and through onboard proficiency training. The Consolidated Rocket Systems cause no change in student throughput or chargeable student billets, and, therefore, these courses will not appear in Parts II or III of this NTSP.

ORGANIZATIONAL MAINTENANCE TRAINING

TITLE	COURSE#	IMPACT
Aviation Ordnanceman Class A1	C-646-2011	Minor

TITLE	COURSE#	IMPACT
Aviation Ordnanceman Navy Difference Training	C-646-2012	Minor
F/A-18 Armament Systems Organizational Maintenance	D/E-646-0653	Minor
F/A-18 Armament Systems Initial Organizational Maintenance	D/E-646-0654	Minor
F/A-18 Armament Systems Career Organizational Maintenance	D/E-646-0641	Minor
F/A-18 Conventional Weapons Release and Loading	D/E-646-0640	Minor
F/A-18 Conventional Release System Test	D/E-646-0647	Minor
AV-8B Conventional Weapons Loading Organizational Course	M-646-3893	Minor
AV-8B Conventional Weapons Loading	M-646-0147	Minor
P-3 Armament Systems Organizational Maintenance	D/E-646-1140	Minor
P-3 Conventional Weapons Loading	D-646-1143	Minor
P-3 Conventional Weapons Loading Refresher	D-646-1144	Minor
P-3 Tactical Conventional Weapons Loading	D-646-1145	Minor
S-3B Armament Systems Career Organizational Maintenance	D/E-646-1744	Minor
AH-1W Conventional Weapons Loading	None	Minor
Rotary Wing Armament Organizational Level Differences	C-646-3106	Minor
AH-1W Armament Repair Integrated Organizational Maintenance	C-646-3361A	Minor
H-1 Armament Repair Integrated Organizational Maintenance	C-646-9361	Minor

(3) Intermediate Maintenance. Consolidated Rocket Systems intermediate maintenance training is available for Navy and Marine Corps Aviation Ordnance personnel through the appropriate MTU or FREST. The Fleet Aviation Specialized Training Group (FASO), Atlantic is organized with a Mobile Ordnance Training Team (MOTT) that provides hands-on training for Atlantic Fleet Navy organizational level squadrons and intermediate level aircraft carriers and shore activities in conventional weapons handling safety and stowage. Pacific Fleet MOTT is provided by Commander, Naval Air Force, Pacific Fleet

(COMNAVAIRPAC) N85. Requests for MOTT training should be submitted to COMNAVAIRPAC (N85) for Pacific Fleet activities, and to Commander, Naval Air Force, Atlantic Fleet (COMNAVAIRLANT) N85 and to Atlantic Fleet activities. The introduction of the Consolidated Rocket Systems caused no change in student throughput or chargeable student billets. The following courses include Consolidated Rocket Systems within their curriculum:

Title.....................	**General Shipboard NAS Weapons Department Aviation Ordnance Maintenance**
CIN......................	D/E-646-7007
Model Manager....	MTU 4030 NAMTRAGRU DET Mayport, Florida
Description	This course provides training in procedures and safety requirements for:

° receiving, transferring, and stowing conventional weapons
° assembly and disassembly of bombs and rockets
° loading and unloading flare and rocket launchers
° loading and unloading the linkless ammunition loading system
° canning and decanning of miscellaneous ordnance
° complying with applicable publications

This course covers Weapons Department Administration and General Ordnance; and Aircraft Munitions, Assembly and Disassembly. Upon completion of this course, the Aviation Ordnanceman assigned to an Naval Air Station (NAS) Weapons Department or aircraft carrier Weapons Department as conventional weapons handler will have sufficient knowledge and skills to work under minimum supervision in a shipboard or shore environment.

Locations	° MTU 4030, NAMTRAGRU DET Mayport ° MTU 4032, NAMTRAGRU DET, Norfolk, Virginia ° MTU 4033, NAMTRAGRU DET, North Island, California ° MTU 4035, NAMTRAGRU DET, Whidbey Island, Washington
Length	39 days
RFT date..............	Currently available
Skill identifier.......	AO 6801
TTE/TD..............	Refer to element IV.A.1 for Technical Training Equipment (TTE). Training Device (TD) is NA.

Prerequisite	C-646-2013, Aviation Ordnanceman Ship's Company Strand Class A1 or equivalent background knowledge of the ordnance field

Title....................	**Strike Armament Systems Intermediate Maintenance**
CIN......................	D/E-646-7001
Model Manager....	MTU 4033 NAMTRAGRU DET
Description	This course provides training in procedures and safety requirements for aircraft armament equipment to include:

    ° operational checkout
    ° corrosion control
    ° troubleshooting
    ° periodic maintenance
    ° component removal, repair and replacement
    ° use of publications, special tools, and test equipment

Upon completion of this course, the Aviation Ordnanceman assigned to an Aircraft Intermediate Maintenance Department will have sufficient knowledge and skills to work on aircraft armament equipment under minimum supervision in a shipboard or shore environment.

Locations	° MTU 4032, NAMTRAGRU DET Norfolk ° MTU 4033, NAMTRAGRU DET North Island
Length	65 days
RFT date..............	Currently available
Skill identifier.......	AO 6802
TTE/TD...............	Refer to element IV.A.1 for TTE. TD is NA
Prerequisite	C-646-2011, Aviation Ordnanceman Common Core Class A1

Title....................	**Aviation Ordnance Intermediate Maintenance Technician**
CIN......................	M-646-7026
Model Manager....	NAMTRAGRU DET Cherry Point, North Carolina

Description .... This course provides training in procedures and safety requirements for:

- ° receiving, transferring, handling and stowing of aircraft gun systems and ammunition
- ° assembly, disassembly, inspection, and functional check of aircraft gun systems and ammunition
- ° troubleshooting aircraft gun systems and electronic control units
- ° safety precautions for aircraft gun systems and ammunition

Upon completion of this course, the Aviation Ordnanceman assigned to a USMC intermediate maintenance activity will have sufficient knowledge and skills to work on aircraft gun systems and ammunition under minimum supervision.

Location............... VMAT-203 FREST, MCAS Cherry Point, North Carolina

Length .... 79 days

RFT date.............. Currently available

Skill identifier....... MOS 6541

TTE/TD............... Refer to element IV.A.1 for TTE. TD is NA

Prerequisite .... C-646-2012, Aviation Ordnanceman Airwing Strand Class A1

(4) **Explosive Ordnance Disposal Training.** Explosive Ordnance Disposal (EOD) training is conducted at Naval School Explosive Ordnance Disposal (NAVSCOLEOD) Eglin Air Force Base, Florida. The introduction of the Consolidated Rocket Systems caused no change in student throughput or chargeable student billets, and, therefore, these courses will not appear in Parts II or III.

TITLE	COURSE#	IMPACT
EOD Phase II (Navy)	A-431-0011	Minor
EOD Phase II (Navy)	A-431-0012	Minor
EOD Pre-deployment Team Training	G-431-0001	Minor

c. Student Profiles

SKILL IDENTIFIER	PREREQUISITE SKILL AND KNOWLEDGE REQUIREMENTS
AO 6801	C-646-2011, Aviation Ordnanceman Common Core Class A1 C-646-2013, Aviation Ordnanceman Ships Company Strand Class A1
AO 6802	C-646-2011, Aviation Ordnanceman Common Core Class A1 C-646-2012, Aviation Ordnanceman Airwing Strand Class A1
MOS 6541	C-646-2011, Aviation Ordnanceman Common Core Class A1 C-646-2012, Aviation Ordnanceman Airwing Strand Class A1

d. Training Pipelines. There are no new training pipelines required for the operation and maintenance of the Consolidated Rocket Systems. Training courses in the existing training tracks have been modified to include the Consolidated Rocket Systems. No changes to course or track lengths resulted.

I. ONBOARD (IN-SERVICE) TRAINING

1. Proficiency or Other Training Organic to the New Development. The 2.75 Inch Rocket System (pan number N204-95-000007) and 5 Inch Rocket System (pan number N200495-000007) are available from Naval Surface Warfare Center, Indian Head Division (Code 572). The videos are not designed as stand-alone training, but can be utilized to supplement and enhance existing training.

Deployed proficiency training is conducted to improve and enhance the capabilities of individuals. Training consists of load and download drills to maintain organizational weapon loading team proficiency.

a. Aviation Maintenance Training Continuum System. AMTCS will provide career path training to the Sailor or Marine from their initial service entry to the end of their military career. AMTCS is planned to be an integrated system that will satisfy the training and administrative requirements of both the individual and the organization. The benefits will be manifested in the increased effectiveness of the technicians and the increased efficiencies of the management of the training business process. By capitalizing on technological advances and integrating systems and processes where appropriate, the right amount of training can be provided at the right time, thus meeting the Chief of Naval Operations (CNO) mandated "just-in-time" training approach.

Technology investments enable the development of several state-of-the-art training and administrative tools: Computer-Based Training (CBT) for the technicians in the Fleet in the form of

Interactive Courseware (ICW) with Computer Managed Instruction (CMI) and Computer Aided Instruction (CAI) for the schoolhouse.

Included in the AMTCS development effort is the Aviation Maintenance Training Continuum System - Software Module (ASM) which provides testing [Test and Evaluation (TEV)], recording [Electronic Training Jacket (ETJ)], and a Feedback system. The core functionality of these AMTCS tools are based and designed around the actual maintenance-related tasks the technicians perform, and the tasks are stored and maintained in a Master Task List (MTL) data bank. These tools are procured and fielded with appropriate Commercial Off-The-Shelf hardware and software, i.e., Fleet Training Devices (FTD) - Laptops, PCs, Electronic Classrooms (ECR), Learning Resource Centers (LRC), operating software, and network software and hardware.

Upon receipt of direction from OPNAV (N889H), AMTCS is to be implemented and the new tools integrated into the daily training environment of all participating aviation activities and supporting elements. AMTCS will serve as the standard training system for aviation maintenance training within the Navy and Marine Corps, and is planned to supersede the existing MTIP and Maintenance Training Management and Evaluation Program (MATMEP) programs.

2. Personnel Qualification Standards. Existing 2.75 Inch and 5.0 Inch Rocket System Personnel Qualification Standards are adequate to certify organizational maintenance personnel.

3. Other Onboard or In-Service Training Packages. The Conventional Weapon Technical Proficiency Inspection (CWTPI) is a graded inspection administered by Strike Fighter Weapons School NAS Lemoore, California, or NAS Oceana, Virginia, for the F/A-18 aircraft. The CWTPI covers all areas of conventional weapon load and release, and control systems checks. The inspection evaluates the squadron's ability to correctly wire-check, upload and download conventional ordnance, use applicable publications, and place ordnance on its designated target. The squadron inspection is conducted annually, six months prior to deployment, or at the request of the squadron's Commanding Officer. A written examination is required by all personnel, including squadron aviators, directly involved in the inspection. A 72-hour time limit is granted for the completion of the entire evolution. The final grade is an average score derived from the written exams, ordnance loads, wire-checks, and the aviator's proficiency to deliver weapons on target. The appropriate Strike Fighter Weapons School provides pre-inspection training for the F/A-18, followed by the CWTPI. The CWTPI determines the need for further conventional weapons load training of squadron AO and Aviation Electronics Technician personnel.

Marine Corps onboard training is based on the current series of MCO P4790.12, Individual Training Standards System and MATMEP. This program is designed to meet Marine Corps, as well as Navy OPNAVINST 4790.2 series, maintenance training requirements. It is a performance-based, standardized, level-progressive, documentable, training management and evaluation program. It identifies and prioritizes task inventories by MOS through a front-end analysis process that identifies task, skill, and knowledge requirements of each MOS. MTIP questions coupled to MATMEP tasks will help identify training deficiencies that can be enhanced with refresher training. (MATMEP is planned to be replaced by AMTCS.)

The USMC activities are scheduled yearly for Marine Corps Combat Readiness Evaluation by Headquarters, Marine Corps. Marine Corps activities participate in war exercises and are evaluated. Training is an on-going Marine Corps evolution that culminates with the Combat Readiness Evaluation. The evaluation determines the need for further conventional weapons load training of squadron personnel.

The United States Navy Explosive Safety Policies, Requirements, and Procedures (Department of the Navy Explosives Safety Policy Manual) OPNAVINST 8023.2 (Series), promulgates the Explosives Handling Personnel Qualification and Certification (QUAL/CERT) program. The QUAL/CERT program is designed to ensure that all Navy, Marine Corps, and civilians required to handle explosives or explosive devices are fully trained and qualified to perform all functions and task safety.

J. LOGISTICS SUPPORT

1. Manufacturer and Contract Numbers. There is currently no production contract in place for the 5.0 Inch Rocket and associated launchers. The 2.75 Inch Rocket has an active rocket motor and warhead production contract in place. There are currently no contracts pending for the production of launchers.

CONTRACT NUMBER	MANUFACTURER	ADDRESS
DAAA09-99-D-0012	General Dynamics Armament Systems	128 Lakeside Avenue Burlington, VT 05401

2. Program Documentation. The 2.75 Inch Rocket System Integrated Logistics Support Plan (ILSP) ARM-087C was approved in September 1993. The 2.75 Inch Rocket System Phased Support Plan (PSP) ARM-087B was approved in March 1996. No ILSP or PSP for the 5.0 Inch Rocket System was developed.

3. Technical Data Plan. The responsibility for quality assurance of technical manuals resides at the Naval Air Technical Data and Engineering Services Command (NATEC) and is exercised through their quality assurance department. Technical publications are updated with revisions through the technical manual revision process as required. A Technical Publication Deficiency Report OPNAV Form 4790/66 is used to report technical manual deficiencies. Technical manuals for the Consolidated Rocket Systems required by training activities are listed in Section IV.B.3.

4. Test Sets, Tools, and Test Equipment

a. Test Sets. The Consolidated Rocket Systems require the following test sets. The AN/AWM-54 Test Set with the W2 Rocket Adapter is required at the organizational level to perform stray voltage and go-no go testing of the aircraft rocket firing system. The Mk III Rocket Launcher Tester or Common Rack and Launcher Test Set (CRALTS) A/E 37T-35 is

required at the intermediate level to perform electrical function testing of empty or unloaded 2.75 Inch LAU-61C/A and LAU-68D/A launchers, and 5.0 Inch LAU-10C/A and LAU-10D/A launchers.

b. Special Tools. The following intermediate level special and common tools are required to assemble, load, and unload the 2.75 Inch Rocket.

The 2.75/5.0 Inch Rocket Assembly Tool Kit contains a torque wrench, assorted crows feet, a chain wrench, strap wrench, and sockets. The torque wrench and crow's foot are used to torque the fuzed warhead on the Mk 66 Mod 2 and 4 Rocket Motor. The strap wrench is used to attach the WDU-4A/A Flechette Warhead and M257/M278 Illumination/Infrared Warheads to the Mk 66 Mod 2 and 4 Rocket Motor. A 2.75 Inch Rocket Holding Fixture is required to hold the Mk 66 Mod 2 and 4 Rocket Motor when assembling and removing warheads. The 2.75 Inch Rocket System Rocket Loading Tool (P/N RLT-1172) was originally designed for loading and unloading the obsolete Mk 4/40 Rocket into the obsolete LAU-61A/A, LAU-61B/A, and LAU-68B/A Rocket Launchers, which used an older type of launcher detent mechanism. This tool can only be used to push the assembled Mk 66 Mod 2 and 4 Rocket into the launcher. Because of the possibility of damaging the Mk 66 Mod 2 and 4 Motor Nozzle End Shield which protects the internal igniter wire, a small blunt wooden dowel rod is used to lock the assembled rocket in the launcher. This small wooden dowel rod is also used to unload the 2.75 Inch Rocket out of the launcher.

The 5.0 Inch Rocket System requires that intermediate level activities use the strap wrench and chain wrench to attach and remove the 5.0 Inch warheads from the Mk 71 Mod 0/1 Rocket Motor. A torque wrench and crow's foot are used to torque the fuze to the assembled rocket as required. The rocket motor detent tool found in the 2.75/5.0 Inch Rocket Assembly Tool Kit is used to load and unload 5.0 Inch Rockets from the launcher.

c. Other Support Equipment. Maximum use of common or existing support equipment is stressed and no peculiar support equipment is required.

5. Repair Parts. Consolidated Rockets have been in the supply system for many years and the Navy Inventory Control Point has established a Supply Support Management Plan per OPNAVINST 4423.4A.

6. Human Systems Integration. NA

K. SCHEDULES

1. Installation and Delivery Schedules. The Consolidated Rocket Systems have been delivered. The Mk 66 Mod 4 rocket motor initial production delivery began first quarter FY00.

2. Ready For Operational Use Schedule. The Consolidated Rockets are currently Ready For Operational Use.

3. Time Required to Install at Operational Sites. The Consolidated Rockets are delivered to the fleet as an all-up-round and require no time to install.

4. Foreign Military Sales and Other Source Delivery Schedule. Specific FMS information can be obtained through the Navy International Program Office and Program Manager, Naval Air Systems Command, PMA242.

5. Training Device and Technical Training Equipment Delivery Schedule. TTE consists of launchers, inert rocket motors, inert warheads, and nose plug ogives (fuze simulators). TTE for pilot and load crew (organizational) training consists of preloaded launchers available from the on-site intermediate weapons department upon request. All TTE has been delivered. There are no training devices associated with Consolidated Rocket Systems.

L. GOVERNMENT FURNISHED EQUIPMENT AND CONTRACTOR FURNISHED EQUIPMENT TRAINING REQUIREMENTS. NA

M. RELATED NTSPs AND OTHER APPLICABLE DOCUMENTS

DOCUMENT OR NTSP TITLE	DOCUMENT OR NTSP NUMBER	PDA CODE	STATUS
F/A-18C/D Aircraft Weapon System	A-50-7703F/A	PMA265	Approved Jan 95
AV-8B Harrier Plus Weapon Systems	A-50-8210D/A	PMA257	Approved Aug 93
P-3C Update III Aircraft and ASUW Improvement Program	A-50-8112B/P	PMA290	Proposed Jul 97
AH-1W Aircraft	A-50-8520D/A	PMA276	Approved Mar 96
HH/UH-1N Aircraft	A-50-9404/A	PMA(F)225	Approved Oct 94
S-3B Aircraft	A-50-8310C/A	PMA244	Approved Jul 95
Aircraft Rocket Systems 2.75 Inch and 5.0 Inch Technical Manual	NAVAIR 11-75A-92	NSWC IH (Code 572)	Approved Jun 99

DOCUMENT OR NTSP TITLE	DOCUMENT OR NTSP NUMBER	PDA CODE	STATUS
2.75 Inch Rocket System Phased Support Plan	PSP ARM-087B	NSWC IH (Code 572)	Approved Mar 96
2.75 Inch Rocket System Integrated Logistics Support Plan	ILSP ARM-87D	NSWC IH (Code 572)	Approved Sep 93

PART II - BILLET AND PERSONNEL REQUIREMENTS

Note: Part II of this Consolidated Rockets NTSP is presented by NEC and MOS for ease of understanding. It was developed to establish the total intermediate level maintenance manpower and training requirements for the aviation ordnance community. The requirement is to train ordnance personnel in the USN and USMC to receive an NEC or MOS to fill a billet, not to support a single system. The following sections are a compilation of three intermediate level NECs and one intermediate level MOS with associated billets. The addition of the Consolidated Rockets to the intermediate level workload is only a small percentage of the required workload for that MOS or NEC. The NEC or MOS is not unique to the Consolidated Rockets and, therefore, the total training requirements will remain the same.

PART II - BILLET AND PERSONNEL REQUIREMENTS

II.A. BILLET REQUIREMENTS

II.A.1.a. OPERATIONAL AND FLEET SUPPORT ACTIVITY ACTIVATION SCHEDULE

SOURCE: Total Force Management System   **DATE:**   9/29/99

ACTIVITY, UIC		PFYs	CFY00	FY01	FY02	FY03	FY04
OPERATIONAL ACTIVITIES - NAVY							
VFA-106	09679	1	0	0	0	0	0
VP-10	09639	1	0	0	0	0	0
VP-16	09229	1	0	0	0	0	0
VP-26	09610	1	0	0	0	0	0
VP-45	09665	1	0	0	0	0	0
VP-5	09630	1	0	0	0	0	0
VP-62	09162	1	0	0	0	0	0
VP-66	09174	1	0	0	0	0	0
VP-8	09661	1	0	0	0	0	0
VAQ-129	09995	1	0	0	0	0	0
VFA-125	09485	1	0	0	0	0	0
VFA-201	09309	1	0	0	0	0	0
VFA-203 DET New Orleans	31633	1	0	0	0	0	0
VFA-204	09032	1	0	0	0	0	0
VP-1	09618	1	0	0	0	0	0
VP-4	09623	1	0	0	0	0	0
VP-40	09674	1	0	0	0	0	0
VP-46	09632	1	0	0	0	0	0
VP-47	09600	1	0	0	0	0	0
VP-65	09173	1	0	0	0	0	0
VP-9	09644	1	0	0	0	0	0
VP-94	09148	1	0	0	0	0	0
TOTAL:		22	0	0	0	0	0
OPERATIONAL ACTIVITIES - USMC							
HMH-461, MCAS New River	09582	1	0	0	0	0	0
HMH-464, MCAS New River	53935	1	0	0	0	0	0
HMH-772, JRB Willow Grove	09490	1	0	0	0	0	0
HMLA-167, MCAS New River	09898	1	0	0	0	0	0
HMLA-269, MCAS New River	08998	1	0	0	0	0	0
HMLA-773 DET NAS Willow Grove	09472	1	0	0	0	0	0
HMLA-773, NAS Atlanta	09431	1	0	0	0	0	0
HMLA-775 DET A, NAS New Orleans	09415	1	0	0	0	0	0
HMLA-775, MCAS Camp Pendleton	55252	1	0	0	0	0	0
HMM-162, MCAS New River	09492	1	0	0	0	0	0
HMM-261, MCAS New River	09441	1	0	0	0	0	0
HMM-263, MCAS New River	09445	1	0	0	0	0	0
HMM-264, MCAS New River	09374	1	0	0	0	0	0
HMM-266, MCAS New River	53972	1	0	0	0	0	0
HMM-365, MCAS New River	53923	1	0	0	0	0	0

II.A.1.a. OPERATIONAL AND FLEET SUPPORT ACTIVITY ACTIVATION SCHEDULE

SOURCE: Total Force Management System   **DATE:** 9/29/99

ACTIVITY, UIC		PFYs	CFY00	FY01	FY02	FY03	FY04
HMM-774, NS Norfolk	09430	1	0	0	0	0	0
HMT-303, MCAS Camp Pendleton	55176	1	0	0	0	0	0
VMA-223, MCAS Cherry Point	09438	1	0	0	0	0	0
VMA-231, MCAS Cherry Point	52948	1	0	0	0	0	0
VMA-542, MCAS Cherry Point	52847	1	0	0	0	0	0
VMAQ-1, MCAS Cherry Point	41345	1	0	0	0	0	0
VMAQ-2, MCAS Cherry Point	42362	1	0	0	0	0	0
VMAQ-3, MCAS Cherry Point	42363	1	0	0	0	0	0
VMAQ-4, MCAS Cherry Point	67837	1	0	0	0	0	0
VMAT-203, MCAS Cherry Point	45483	1	0	0	0	0	0
VMFA(AW)-224, MCAS Beaufort	09439	1	0	0	0	0	0
VMFA(AW)-332, MCAS Beaufort	09501	1	0	0	0	0	0
VMFA(AW)-533, MCAS Beaufort	09193	1	0	0	0	0	0
VMFA-115, MCAS Beaufort	09234	1	0	0	0	0	0
VMFA-122, MCAS Beaufort	09407	1	0	0	0	0	0
VMFA-142, NAS Atlanta	08966	1	0	0	0	0	0
VMFA-251, MCAS Beaufort	09241	1	0	0	0	0	0
VMFA-312 MCAS Beaufort	09253	1	0	0	0	0	0
VMFA-321, Andrews AFB	09265	1	0	0	0	0	0
HMH-361, MCAS Miramar	09446	1	0	0	0	0	0
HMH-362, MCB Hawaii	09495	1	0	0	0	0	0
HMH-363, MCB Hawaii	09496	1	0	0	0	0	0
HMH-366, MCB Hawaii	55650	1	0	0	0	0	0
HMH-462, MCAS Miramar	09349	1	0	0	0	0	0
HMH-463, MCB Hawaii	09010	1	0	0	0	0	0
HMH-465, MCAS Miramar	53936	1	0	0	0	0	0
HMH-466, MCAS Miramar	53998	1	0	0	0	0	0
HMH-769, Edwards AFB	09487	1	0	0	0	0	0
HMLA-169, MCAS Camp Pendleton	09202	1	0	0	0	0	0
HMLA-267, MCAS Camp Pendleton	09159	1	0	0	0	0	0
HMLA-367, MCAS Camp Pendleton	09079	1	0	0	0	0	0
HMLA-369, MCAS Camp Pendleton	09361	1	0	0	0	0	0
HMM-161, MCAS Miramar	09440	1	0	0	0	0	0
HMM-163, MCAS Miramar	09405	1	0	0	0	0	0
HMM-164, MCAS Miramar	09408	1	0	0	0	0	0
HMM-165, MCAS Miramar	09343	1	0	0	0	0	0
HMM-166, MCAS Miramar	53973	1	0	0	0	0	0
HMM-262, MCAS Okinawa	09442	1	0	0	0	0	0
HMM-265, MCAS Okinawa	09404	1	0	0	0	0	0
HMM-268, MCAS Camp Pendleton	52790	1	0	0	0	0	0
HMM-364, MCAS Camp Pendleton	09793	1	0	0	0	0	0
HMM-764, Edwards AFB	09402	1	0	0	0	0	0
MAWTS-1, MCAS Yuma	55167	1	0	0	0	0	0
VFMAT-101 Navy DET	52817	1	0	0	0	0	0
VMA-211, MCAS Yuma	09412	1	0	0	0	0	0
VMA-214, MCAS Yuma	09436	1	0	0	0	0	0
VMA-311, MCAS Yuma	09416	1	0	0	0	0	0

II.A.1.a. OPERATIONAL AND FLEET SUPPORT ACTIVITY ACTIVATION SCHEDULE

SOURCE: Total Force Management System   **DATE:** 9/29/99

ACTIVITY, UIC		PFYs	CFY00	FY01	FY02	FY03	FY04
VMA-513, MCAS Yuma	09231	1	0	0	0	0	0
VMFA(AW)-121, MCAS Miramar	09257	1	0	0	0	0	0
VMFA(AW)-225, MCAS Miramar	09232	1	0	0	0	0	0
VMFA(AW)-242, MCAS Miramar	09668	1	0	0	0	0	0
VMFA-112, JRB Fort Worth	08954	1	0	0	0	0	0
VMFA-134, MCAS Miramar	09365	1	0	0	0	0	0
VMFA-232, MCAS Miramar	09242	1	0	0	0	0	0
VMFA-314, MCAS Miramar	09230	1	0	0	0	0	0
VMFA-323, MCAS Miramar	09235	1	0	0	0	0	0
VMFAT-101, MCAS Miramar	09965	1	0	0	0	0	0
TOTAL:		72	0	0	0	0	0
FLEET SUPPORT ACTIVITIES - NAVY							
AFLOATRAGRU Norfolk CSTG	49085	1	0	0	0	0	0
COMNAVAIRLANT	57012	1	0	0	0	0	0
COMSTKFITWINGLANT Det, MCAS Beaufort	3006A	1	0	0	0	0	0
CV 67 USS John F. Kennedy	03367	1	0	0	0	0	0
CVN 65 USS Enterprise	03365	1	0	0	0	0	0
CVN 68 USS Nimitz	03368	1	0	0	0	0	0
CVN 69 USS Dwight D. Eisenhower	03369	1	0	0	0	0	0
CVN 71 USS Theodore Roosevelt	21247	1	0	0	0	0	0
CVN 73 USS George Washington	21412	1	0	0	0	0	0
CVN 75 USS Harry S. Truman	21853	1	0	0	0	0	0
FASOTRAGRULANT	09810	1	0	0	0	0	0
Fleet Maritime Patrol MMF Brunswick	68783	1	0	0	0	0	0
LHA 2 USS Saipan	20632	1	0	0	0	0	0
LHA 4 USS Nassau	20725	1	0	0	0	0	0
LHD 1 USS Wasp	21560	1	0	0	0	0	0
LHD 3 USS Kearsarge	21700	1	0	0	0	0	0
LHD 5 USS Bataan	21879	1	0	0	0	0	0
LHD 7 USS Iwo Jima	23027	0	0	1	0	0	0
NAF Mildenhall	57032	1	0	0	0	0	0
NAF Washington DC RAIMD	44492	1	0	0	0	0	0
NAS Atlanta RAIMD	44486	1	0	0	0	0	0
NAS Brunswick	60087	1	0	0	0	0	0
NAS Brunswick AIMD	44314	1	0	0	0	0	0
NAS Cecil Field	60200	1	0	0	0	0	0
NAS Cecil Field AIMD	44315	1	0	0	0	0	0
NAS Cecil Field Sea OPDET	46961	1	0	0	0	0	0
NAS Jacksonville AIMD	44319	1	0	0	0	0	0
NAS Jacksonville Sea OPDET	46965	1	0	0	0	0	0
NAS Keflavik	63032	1	0	0	0	0	0
NAS Keflavik AIMD	44335	1	0	0	0	0	0
NAS Key West AIMD	44320	1	0	0	0	0	0
NAS Oceana	60191	1	0	0	0	0	0
NAS Oceana AIMD	44327	1	0	0	0	0	0
NAS Oceana Sea OPDET	46963	1	0	0	0	0	0
NAS Sigonella AIMD	44330	1	0	0	0	0	0

II.A.1.a. OPERATIONAL AND FLEET SUPPORT ACTIVITY ACTIVATION SCHEDULE

SOURCE: Total Force Management System   **DATE:**   9/29/99

ACTIVITY, UIC		PFYs	CFY00	FY01	FY02	FY03	FY04
NAS Willow Grove RAIMD	44493	1	0	0	0	0	0
NAVSTKAIR TESTRON	39783	1	0	0	0	0	0
NAVTEST WINGLANT	39782	1	0	0	0	0	0
NS Roosevelt Roads A/C OPDET	35682	1	0	0	0	0	0
NS Roosevelt Roads AIMD	44373	1	0	0	0	0	0
Ordnance Det Oceana	31279	1	0	0	0	0	0
SURFLANT AVORD/MTT Norfolk	48764	1	0	0	0	0	0
ABFC FMP Alpha Moffett	49738	1	0	0	0	0	0
ABFC FMP MMF Hotel, New Orleans	68822	1	0	0	0	0	0
COMFLTACT Okinawa	62254	1	0	0	0	0	0
CV 63 USS Kitty Hawk	03363	1	0	0	0	0	0
CV 64 USS Constellation	03364	1	0	0	0	0	0
CVN 70 USS Carl Vinson	20993	1	0	0	0	0	0
CVN 72 USS Abraham Lincoln	21297	1	0	0	0	0	0
CVN 74 USS John C. Stennis	21847	1	0	0	0	0	0
CVN 76 USS Ronald Reagan	22178	0	0	0	1	0	0
FMP MMF Charlie Kaneohe	68704	1	0	0	0	0	0
LHA 1 USS Tarawa	20550	1	0	0	0	0	0
LHA 3 USS Belleau Wood	20633	1	0	0	0	0	0
LHA 5 USS Peleliu	20748	1	0	0	0	0	0
LHD 2 USS Essex	21533	1	0	0	0	0	0
LHD 4 USS Boxer	21808	1	0	0	0	0	0
LHD 6 USS Bonhomme Richard	22202	1	0	0	0	0	0
MCS 12 USS Inchon	20009	1	0	0	0	0	0
NAF Atsugi AIMD	44323	1	0	0	0	0	0
NAF El Centro	60042	1	0	0	0	0	0
NAF Misawa AIMD	44331	1	0	0	0	0	0
NAS Barbers Point AIMD	44312	1	0	0	0	0	0
NAS Fallon	44317	1	0	0	0	0	0
NAS JRB Fort Worth RAIMD	44487	1	0	0	0	0	0
NAS Lemoore	63042	1	0	0	0	0	0
NAS Lemoore AIMD	44321	1	0	0	0	0	0
NAS Lemoore Sea OPDET	46964	1	0	0	0	0	0
NAS New Orleans RAIMD	44490	1	0	0	0	0	0
NAS North Island AIMD	44326	1	0	0	0	0	0
NAS North Island Sea OPDET	46968	1	0	0	0	0	0
NAS Point Mugu	0429A	1	0	0	0	0	0
NAS Point Mugu A/C OPDET	45113	1	0	0	0	0	0
NAS Point Mugu AIMD	44328	1	0	0	0	0	0
NAS Whidbey AIMD	44329	1	0	0	0	0	0
NAS Whidbey Island Sea OPDET	46967	1	0	0	0	0	0
NAS Whidbey Van OPDET	31179	1	0	0	0	0	0
NATMSACT Kingsville	49149	1	0	0	0	0	0
NAVAIRES Santa Clara RAIMD	44489	1	0	0	0	0	0
NAVAIRWPNS-MAINTUNIT One, Guam	52821	1	0	0	0	0	0

II.A.1.a. OPERATIONAL AND FLEET SUPPORT ACTIVITY ACTIVATION SCHEDULE

SOURCE: Total Force Management System   **DATE:**   9/29/99

ACTIVITY, UIC		PFYs	CFY00	FY01	FY02	FY03	FY04
NAVWPN TESTRON China Lake	39787	1	0	0	0	0	0
NAWCWD Point Mugu	63126	1	0	0	0	0	0
TOTAL:		80	0	1	1	0	0
FLEET SUPPORT ACTIVITIES - USMC							
2nd MAW, MCAS Cherry Point	57080	1	0	0	0	0	0
4th MAW, NAS New Orleans	67021	1	0	0	0	0	0
Aviation Department HQMC	83173	1	0	0	0	0	0
Blount Island, NAS Jacksonville	32264	1	0	0	0	0	0
H&HS, MCAS Beaufort	04017	1	0	0	0	0	0
H&HS, MCAS Cherry Point	09037	1	0	0	0	0	0
H&HS, MCAS New River	02021	1	0	0	0	0	0
MALS-14, MCAS Cherry Point	09114	1	0	0	0	0	0
MALS-26, MCAS New River	09167	1	0	0	0	0	0
MALS-29, MCAS New River	52841	1	0	0	0	0	0
MALS-31, MCAS Beaufort	09131	1	0	0	0	0	0
MALS-42, JRB Marietta Georgia	09513	1	0	0	0	0	0
MALS-49, JRB Stewart New York	55555	1	0	0	0	0	0
MARCOR Field Services Assignment	83173	1	0	0	0	0	0
MATSG Pensacola	67389	1	0	0	0	0	0
MC Personnel Department of Navy	83173	1	0	0	0	0	0
Special Assignment MC Navy	88080	1	0	0	0	0	0
1st MAW, MCAS Okinawa	57079	1	0	0	0	0	0
3rd MAW, MCAS Miramar	57081	1	0	0	0	0	0
H&HS, MCAS Camp Pendleton	27604	1	0	0	0	0	0
H&HS, MCAS Futenma	63026	1	0	0	0	0	0
H&HS, MCAS Iwakuni	52991	1	0	0	0	0	0
H&HS, MCAS Miramar	31200	1	0	0	0	0	0
H&HS, MCAS Yuma	62974	1	0	0	0	0	0
MAD China Lake	67852	1	0	0	0	0	0
MALS-11, MCAS Miramar	09111	1	0	0	0	0	0
MALS-12, MCAS Iwakuni	09112	1	0	0	0	0	0
MALS-13, MCAS Yuma	57082	1	0	0	0	0	0
MALS-16, MCAS Miramar	09116	1	0	0	0	0	0
MALS-36, MCAS Okinawa	09136	1	0	0	0	0	0
MALS-39, MCAS Camp Pendleton	09808	1	0	0	0	0	0
MALS-41, JRB Fort Worth	08944	1	0	0	0	0	0
MALS-46, MCAS Miramar	09376	1	0	0	0	0	0
MALSE, MCAS Kaneohe	31947	1	0	0	0	0	0
MCAF, MCAS Kaneohe	31498	1	0	0	0	0	0
MCAGCC 29 Palms	47790	1	0	0	0	0	0
TOTAL:		36	0	0	0	0	0

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
OPERATIONAL ACTIVITIES - NAVY					
VP-10, 09639					
ACDU	0	1	AO3	6803	
ACTIVITY TOTAL:	0	1			
VP-16, 09229					
ACDU	0	1	AO3	6803	
ACTIVITY TOTAL:	0	1			
VP-26, 09610					
ACDU	0	1	AO3	6803	
ACTIVITY TOTAL:	0	1			
VP-45, 09665					
ACDU	0	1	AO3	6803	
ACTIVITY TOTAL:	0	1			
VP-5, 09630					
ACDU	0	1	AO3	6803	
ACTIVITY TOTAL:	0	1			
VP-62, 09162					
TAR	0	1	AO3	6803	
ACTIVITY TOTAL:	0	1			
VP-66, 09174					
SELRES	0	1	AO3	6803	
ACTIVITY TOTAL:	0	1			
VP-8, 09661					
ACDU	0	1	AO3	6803	
ACTIVITY TOTAL:	0	1			
VFA-201, 09309					
TAR	0	1	AO2	6802	
ACTIVITY TOTAL:	0	1			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
VFA-203 DET New Orleans, 31633					
TAR	0	1	AO2	6802	
ACTIVITY TOTAL:	0	1			
VFA-204, 09032					
TAR	0	1	AO2	6802	
ACTIVITY TOTAL:	0	1			
VFMAT-101 Navy DET, 52817					
ACDU	0	2	AO3	6802	
ACTIVITY TOTAL:	0	2			
VP-1, 09618					
ACDU	0	1	AO3	6803	
ACTIVITY TOTAL:	0	1			
VP-4, 09623					
ACDU	0	1	AO3	6803	
ACTIVITY TOTAL:	0	1			
VP-40, 09674					
ACDU	0	1	AO3	6803	
ACTIVITY TOTAL:	0	1			
VP-46, 09632					
ACDU	0	1	AO3	6803	
ACTIVITY TOTAL:	0	1			
VP-47, 09600					
ACDU	0	1	AO3	6803	
ACTIVITY TOTAL:	0	1			
VP-65, 09173					
TAR	0	1	AO3	6803	
ACTIVITY TOTAL:	0	1			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
VP-9, 09644					
ACDU	0	1	AO3	6803	
ACTIVITY TOTAL:	0	1			
VP-94, 09148					
SELRES	0	1	AO3	6803	
ACTIVITY TOTAL:	0	1			
OPERATIONAL ACTIVITIES - USMC					
HMH-461, MCAS New River, 09582					
USMC	0	5	CPL	6541	
	0	1	LCPL	6541	
ACTIVITY TOTAL:	0	6			
HMH-464, MCAS New River, 53935					
USMC	0	5	CPL	6541	
	0	1	LCPL	6541	
ACTIVITY TOTAL:	0	6			
HMH-772, JRB Willow Grove, 09490					
USMC	0	1	CPL	6541	
	0	1	LCPL	6541	
ACTIVITY TOTAL:	0	2			
HMLA-167, MCAS New River, 09898					
USMC	0	6	CPL	6541	
	0	9	LCPL	6541	
	0	3	SGT	6541	
ACTIVITY TOTAL:	0	18			
HMLA-269, MCAS New River, 08998					
USMC	0	6	CPL	6541	
	0	9	LCPL	6541	
	0	3	SGT	6541	
ACTIVITY TOTAL:	0	18			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
HMLA-773 DET NAS Willow Grove, 09472					
USMC	0	2	CPL	6541	
	0	2	LCPL	6541	
AR	0	1	SGT	6541	
SMCR	0	1	LCPL	6541	
ACTIVITY TOTAL:	0	6			
HMLA-773, NAS Atlanta, 09431					
USMC	0	2	CPL	6541	
	0	2	LCPL	6541	
AR	0	1	SGT	6541	
SMCR	0	2	CPL	6541	
	0	4	LCPL	6541	
	0	1	SGT	6541	
ACTIVITY TOTAL:	0	12			
HMLA-775 DET A, NAS New Orleans, 09415					
USMC	0	2	CPL	6541	
	0	2	LCPL	6541	
AR	0	1	SGT	6541	
SMCR	0	1	LCPL	6541	
ACTIVITY TOTAL:	0	6			
HMLA-775, MCAS Camp Pendleton, 55252					
USMC	0	2	CPL	6541	
	0	2	LCPL	6541	
	0	1	SGT	6541	
AR	0	1	SGT	6541	
SMCR	0	2	CPL	6541	
	0	4	LCPL	6541	
ACTIVITY TOTAL:	0	12			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
HMM-162, MCAS New River, 09492					
USMC	0	2	CPL	6541	
ACTIVITY TOTAL: 0 2					
HMM-261, MCAS New River, 09441					
USMC	0	2	CPL	6541	
ACTIVITY TOTAL:	0	2			
HMM-263, MCAS New River, 09445					
USMC	0	2	CPL	6541	
ACTIVITY TOTAL:	0	2			
HMM-264, MCAS New River, 09374					
USMC	0	2	CPL	6541	
ACTIVITY TOTAL:	0	2			
HMM-266, MCAS New River, 53972					
USMC	0	2	CPL	6541	
ACTIVITY TOTAL:	0	2			
HMM-365, MCAS New River, 53923					
USMC	0	2	CPL	6541	
ACTIVITY TOTAL:	0	2			
HMM-774, NS Norfolk, 09430					
USMC	0	2	CPL	6541	
ACTIVITY TOTAL:	0	2			
HMT-303, MCAS Camp Pendleton, 55176					
USMC	0	3	LCPL	6541	
	0	3	SGT	6541	
ACTIVITY TOTAL:	0	6			
VFA-106, NAS Oceana, 09679					
USMC	0	1	SGT	6541	
ACTIVITY TOTAL:	0	1			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
VMA-223, MCAS Cherry Point, 09438					
USMC	0	3	CPL	6541	
	0	7	LCPL	6541	
	0	2	SGT	6541	
ACTIVITY TOTAL:	0	12			
VMA-231, MCAS Cherry Point, 52948					
USMC	0	3	CPL	6541	
	0	7	LCPL	6541	
	0	2	SGT	6541	
ACTIVITY TOTAL:	0	12			
VMA-542, MCAS Cherry Point, 52847					
USMC	0	3	CPL	6541	
	0	7	LCPL	6541	
	0	2	SGT	6541	
ACTIVITY TOTAL:	0	12			
VMAQ-1, MCAS Cherry Point, 41345					
USMC	0	1	CPL	6541	
ACTIVITY TOTAL:	0	1			
VMAQ-2, MCAS Cherry Point, 42362					
USMC	0	1	CPL	6541	
ACTIVITY TOTAL:	0	1			
VMAQ-3, MCAS Cherry Point, 42363					
USMC	0	1	CPL	6541	
ACTIVITY TOTAL:	0	1			
VMAQ-4, MCAS Cherry Point, 67837					
USMC	0	1	CPL	6541	
ACTIVITY TOTAL:	0	1			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
VMAT-203, MCAS Cherry Point, 45483					
USMC	0	1	GYSGT	6541	
	0	1	LCPL	6541	
	0	1	SGT	6541	
	0	2	SSGT	6541	
ACTIVITY TOTAL:	0	5			
VMFA(AW)-224, MCAS Beaufort, 09439					
USMC	0	1	CPL	6541	
	0	5	LCPL	6541	
	0	3	SGT	6541	
	0	2	SSGT	6541	
ACTIVITY TOTAL:	0	11			
VMFA(AW)-332, MCAS Beaufort, 09501					
USMC	0	1	CPL	6541	
	0	5	LCPL	6541	
USMC	0	3	SGT	6541	
	0	2	SSGT	6541	
ACTIVITY TOTAL:	0	11			
VMFA(AW)-533, MCAS Beaufort, 09193					
USMC	0	1	CPL	6541	
	0	5	LCPL	6541	
	0	3	SGT	6541	
	0	2	SSGT	6541	
ACTIVITY TOTAL:	0	11			
VMFA-115, MCAS Beaufort, 09234					
USMC	0	1	GYSGT	6541	
	0	6	LCPL	6541	
	0	2	SGT	6541	
	0	1	SSGT	6541	
ACTIVITY TOTAL:	0	10			
VMFA-122, MCAS Beaufort, 09407					
USMC	0	1	GYSGT	6541	
	0	6	LCPL	6541	
	0	2	SGT	6541	
	0	1	SSGT	6541	
ACTIVITY TOTAL:	0	10			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
VMFA-142, NAS Atlanta, 08966					
USMC	0	2	LCPL	6541	
	0	1	SGT	6541	
AR	0	1	SGT	6541	
	0	1	SSGT	6541	
SMCR	0	1	GYSGT	6541	
	0	4	LCPL	6541	
ACTIVITY TOTAL:	0	10			
VMFA-251, MCAS Beaufort, 09241					
USMC	0	1	GYSGT	6541	
	0	6	LCPL	6541	
	0	2	SGT	6541	
	0	1	SSGT	6541	
ACTIVITY TOTAL:	0	10			
VMFA-312, MCAS Beaufort, 09253					
USMC	0	1	GYSGT	6541	
	0	6	LCPL	6541	
	0	2	SGT	6541	
	0	1	SSGT	6541	
ACTIVITY TOTAL:	0	10			
VMFA-321, Andrews AFB, 09265					
USMC	0	2	LCPL	6541	
	0	1	SGT	6541	
AR	0	1	SGT	6541	
	0	1	SSGT	6541	
SMCR	0	1	GYSGT	6541	
	0	4	LCPL	6541	
ACTIVITY TOTAL:	0	10			
HMH-361, MCAS Miramar, 09446					
USMC	0	5	CPL	6541	
	0	1	LCPL	6541	
ACTIVITY TOTAL:	0	6			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
HMH-362, MCB Hawaii, 09495					
USMC	0	2	CPL	6541	
ACTIVITY TOTAL:	0	2			
HMH-363, MCB Hawaii, 09496					
USMC	0	2	CPL	6541	
ACTIVITY TOTAL:	0	2			
HMH-366, MCB Hawaii, 55650					
USMC	0	2	CPL	6541	
ACTIVITY TOTAL:	0	2			
HMH-462, MCAS Miramar, 09349					
USMC	0	5	CPL	6541	
	0	1	LCPL	6541	
ACTIVITY TOTAL:	0	6			
HMH-463, MCB Hawaii, 09010					
USMC	0	2	CPL	6541	
ACTIVITY TOTAL:	0	2			
HMH-465, MCAS Miramar, 53936					
USMC	0	5	CPL	6541	
	0	1	LCPL	6541	
ACTIVITY TOTAL:	0	6			
HMH-466, MCAS Miramar, 53998					
USMC	0	5	CPL	6541	
	0	1	LCPL	6541	
ACTIVITY TOTAL:	0	6			
HMH-769, Edwards AFB, 09487					
USMC	0	1	CPL	6541	
	0	1	LCPL	6541	
ACTIVITY TOTAL:	0	2			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
HMLA-169, MCAS Camp Pendleton, 09202					
USMC	0	6	CPL	6541	
	0	9	LCPL	6541	
	0	3	SGT	6541	
ACTIVITY TOTAL:	0	18			
HMLA-267, MCAS Camp Pendleton, 09159					
USMC	0	6	CPL	6541	
	0	9	LCPL	6541	
	0	3	SGT	6541	
ACTIVITY TOTAL:	0	18			
HMLA-367, MCAS Camp Pendleton, 09079					
USMC	0	6	CPL	6541	
	0	9	LCPL	6541	
	0	3	SGT	6541	
ACTIVITY TOTAL:	0	18			
HMLA-369, MCAS Camp Pendleton, 09361					
USMC	0	6	CPL	6541	
	0	9	LCPL	6541	
	0	3	SGT	6541	
ACTIVITY TOTAL:	0	18			
HMM-161, MCAS Miramar, 09440					
USMC	0	2	CPL	6541	
ACTIVITY TOTAL:	0	2			
HMM-163, MCAS Miramar, 09405					
USMC	0	2	CPL	6541	
ACTIVITY TOTAL:	0	2			
HMM-164, MCAS Miramar, 09408					
USMC	0	2	CPL	6541	
ACTIVITY TOTAL:	0	2			
HMM-165, MCAS Miramar, 09343					
USMC	0	2	CPL	6541	
ACTIVITY TOTAL:	0	2			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
HMM-166, MCAS Miramar, 53973					
USMC	0	2	CPL	6541	
ACTIVITY TOTAL:	0	2			
HMM-262 MCAS Okinawa, 09442					
USMC	0	2	CPL	6541	
ACTIVITY TOTAL:	0	2			
HMM-265, MCAS Okinawa, 09404					
USMC	0	2	CPL	6541	
ACTIVITY TOTAL:	0	2			
HMM-268, MCAS Camp Pendleton, 52790					
USMC	0	2	CPL	6541	
ACTIVITY TOTAL:	0	2			
HMM-364, MCAS Camp Pendleton, 09793					
USMC	0	2	CPL	6541	
ACTIVITY TOTAL:	0	2			
HMM-764, Edwards AFB, 09402					
USMC	0	2	CPL	6541	
ACTIVITY TOTAL:	0	2			
MAWTS-1, MCAS Yuma, 55167					
USMC	0	1	LCPL	6541	
	0	1	SGT	6541	
ACTIVITY TOTAL:	0	2			
VAQ-129, NAS Whidbey Island, 09995					
USMC	0	1	SGT	6541	
ACTIVITY TOTAL:	0	1			
VFA-125, NAS Lemoore, 09485					
USMC	0	1	SGT	6541	
ACTIVITY TOTAL:	0	1			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
VMA-211, MCAS Yuma, 09412					
USMC	0	3	CPL	6541	
	0	7	LCPL	6541	
	0	2	SGT	6541	
ACTIVITY TOTAL:	0	12			
VMA-214, MCAS Yuma, 09436					
USMC	0	3	CPL	6541	
	0	7	LCPL	6541	
	0	2	SGT	6541	
ACTIVITY TOTAL:	0	12			
VMA-311, MCAS Yuma, 09416					
USMC	0	3	CPL	6541	
	0	7	LCPL	6541	
	0	2	SGT	6541	
ACTIVITY TOTAL:	0	12			
VMA-513, MCAS Yuma, 09231					
USMC	0	3	CPL	6541	
	0	7	LCPL	6541	
	0	2	SGT	6541	
ACTIVITY TOTAL:	0	12			
VMFA(AW)-121, MCAS Miramar, 09257					
USMC	0	1	CPL	6541	
	0	5	LCPL	6541	
	0	3	SGT	6541	
	0	2	SSGT	6541	
ACTIVITY TOTAL:	0	11			
VMFA(AW)-225, MCAS Miramar, 09232					
USMC	0	1	CPL	6541	
	0	5	LCPL	6541	
	0	3	SGT	6541	
	0	2	SSGT	6541	
ACTIVITY TOTAL:	0	11			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
VMFA(AW)-242, MCAS Miramar, 09668					
USMC	0	1	CPL	6541	
	0	5	LCPL	6541	
	0	3	SGT	6541	
	0	2	SSGT	6541	
ACTIVITY TOTAL:	0	11			
VMFA-112, JRB Fort Worth, 08954					
USMC	0	2	LCPL	6541	
	0	1	SGT	6541	
AR	0	1	SGT	6541	
	0	1	SSGT	6541	
SMCR	0	1	GYSGT	6541	
	0	4	LCPL	6541	
ACTIVITY TOTAL:	0	10			
VMFA-134, MCAS Miramar, 09365					
USMC	0	2	LCPL	6541	
	0	1	SGT	6541	
AR	0	1	SSGT	6541	
SMCR	0	1	GYSGT	6541	
	0	4	LCPL	6541	
	0	1	SGT	6541	
ACTIVITY TOTAL:	0	10			
VMFA-232, MCAS Miramar, 09242					
USMC	0	1	GYSGT	6541	
	0	6	LCPL	6541	
	0	2	SGT	6541	
	0	1	SSGT	6541	
ACTIVITY TOTAL:	0	10			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
VMFA-314, MCAS Miramar, 09230					
USMC	0	1	GYSGT	6541	
	0	6	LCPL	6541	
	0	2	SGT	6541	
	0	1	SSGT	6541	
ACTIVITY TOTAL:	0	10			
VMFA-323, MCAS Miramar, 09235					
USMC	0	1	GYSGT	6541	
	0	6	LCPL	6541	
	0	2	SGT	6541	
	0	1	SSGT	6541	
ACTIVITY TOTAL:	0	10			
VMFAT-101, MCAS Miramar, 09965					
USMC	0	3	CPL	6541	
	0	6	LCPL	6541	
ACTIVITY TOTAL:	0	9			
FLEET SUPPORT ACTIVITIES - NAVY					
AFLOATRAGRU Norfolk CSTG, 49085					
ACDU	0	2	AOC	6801	
ACTIVITY TOTAL:	0	2			
COMNAVAIRLANT, 57012					
ACDU	0	2	AOC	6801	
	0	1	AOC	6802	
ACTIVITY TOTAL:	0	3			
COMSTKFITWINGLANT Det, MCAS Beaufort, 3006A					
ACDU	0	3	AO1	6801	
	0	5	AO2	6801	
	0	4	AO3	6801	
	0	4	AOAN	6801	
ACTIVITY TOTAL:	0	16			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
CV 67 USS John F. Kennedy, 03367					
ACDU	0	1	AOC	6802	
	0	10	AO1	6801	
	0	2	AO1	6802	
	0	2	AO2	6801	
	0	1	AO2	6802	
	0	1	AO3	6802	
	0	7	AOAN	6802	
ACTIVITY TOTAL:	0	24			
CVN 65 USS Enterprise, 03365					
ACDU	0	1	AOC	6801	
	0	1	AOC	6802	
	0	9	AO1	6801	
	0	2	AO1	6802	
	0	1	AO2	6801	
	0	1	AO2	6802	
	0	3	AOAN	6802	
ACTIVITY TOTAL:	0	18			
CVN 68 USS Nimitz, 03368					
ACDU	0	1	AOC	6802	
	0	10	AO1	6801	
	0	2	AO1	6802	
	0	1	AO2	6801	
	0	2	AO2	6802	
	0	2	AOAN	6802	
ACTIVITY TOTAL:	0	18			
CVN 69 USS Dwight D. Eisenhower, 03369					
ACDU	0	1	AOC	6802	
	0	10	AO1	6801	
	0	2	AO1	6802	
	0	1	AO2	6801	
	0	2	AO2	6802	
	0	1	AO3	6802	
	0	6	AOAN	6802	
ACTIVITY TOTAL:	0	23			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
CVN 71 USS Theodore Roosevelt, 21247					
ACDU	0	1	AOC	6802	
	0	10	AO1	6801	
	0	2	AO1	6802	
	0	1	AO2	6801	
	0	1	AO2	6802	
	0	4	AOAN	6802	
ACTIVITY TOTAL:	0	19			
CVN 73 USS George Washington, 21412					
ACDU	0	1	AOC	6801	
	0	1	AOC	6802	
	0	9	AO1	6801	
	0	2	AO1	6802	
	0	1	AO2	6801	
	0	1	AO2	6802	
	0	3	AOAN	6802	
ACTIVITY TOTAL:	0	18			
CVN 75 USS Harry S. Truman, 21853					
ACDU	0	1	AOC	6802	
	0	10	AO1	6801	
	0	2	AO1	6802	
	0	2	AO2	6802	
	0	1	AO3	6802	
	0	1	AOAN	6802	
ACTIVITY TOTAL:	0	17			
FASOTRAGRULANT, 09810					
ACDU	0	2	AO1	6801	9502
ACTIVITY TOTAL:	0	2			
Fleet Maritime Patrol MMF Brunswick, 68783					
SELRES	0	1	AO3	6803	
ACTIVITY TOTAL:	0	1			
LHA 2 USS Saipan, 20632					
ACDU	0	2	AO1	6801	
	0	1	AO1	6802	
ACTIVITY TOTAL:	0	3			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
LHA 4 USS Nassau, 20725					
ACDU	0	2	AO1	6801	
	0	1	AO1	6802	
ACTIVITY TOTAL:	0	3			
LHD 1 USS Wasp, 21560					
ACDU	0	2	AO1	6801	
	0	1	AO1	6802	
	0	1	AO3	6802	
ACTIVITY TOTAL:	0	4			
LHD 3 USS Kearsarge, 21700					
ACDU	0	2	AO1	6801	
	0	1	AO1	6802	
	0	1	AO3	6802	
ACTIVITY TOTAL:	0	4			
LHD 5 USS Bataan, 21879					
ACDU	0	2	AO1	6801	
	0	1	AO1	6802	
	0	1	AO3	6802	
ACTIVITY TOTAL:	0	4			
LHD 7 USS Iwo Jima, 23027, FY01 Increment					
ACDU	0	2	AO1	6801	
	0	1	AO1	6802	
	0	1	AO3	6802	
ACTIVITY TOTAL:	0	4			
NAF Mildenhall, 57032					
SELRES	0	1	AOC	6801	
ACTIVITY TOTAL:	0	1			
NAF Washington DC RAIMD, 44492					
TAR	0	1	AO1	6802	
	0	1	AO3	6802	
	0	1	AOAN	6802	

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
NAF Washington DC RAIMD, 44492, FY01 Increment					
TAR	0	1	AOAN	6802	
ACTIVITY TOTAL:	0	4			
NAS Atlanta RAIMD, 44486					
TAR	0	1	AO1	6802	
	0	2	AO2	6802	
	0	1	AO3	6802	
NAS Atlanta RAIMD, 44486, FY01 Increment					
TAR	0	1	AO3	6802	
ACTIVITY TOTAL:	0	5			
NAS Brunswick, 60087					
ACDU	0	3	AO1	6801	
	0	1	AO1	6810	6801
	0	1	AO2	6801	
	0	4	AO3	6801	
ACTIVITY TOTAL:	0	9			
NAS Brunswick AIMD, 44314					
ACDU	0	2	AO1	6803	
	0	1	AO2	6802	
	0	2	AO2	6803	
	0	1	AO3	6802	
	0	4	AO3	6803	
ACTIVITY TOTAL:	0	10			
NAS Cecil Field, 60200					
ACDU	0	3	AOC	6801	
	0	6	AO1	6801	
	0	6	AO2	6801	
	0	8	AO3	6801	
ACTIVITY TOTAL:	0	23			
NAS Cecil Field AIMD, 44315					
ACDU	0	1	AO1	6802	
	0	2	AOAN	6802	
ACTIVITY TOTAL:	0	3			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
NAS Cecil Field Sea OPDET, 46961					
ACDU	0	1	AO3	6802	
ACTIVITY TOTAL:	0	1			
NAS Jacksonville AIMD, 44319					
ACDU	0	1	AO1	6802	
	0	1	AO1	6803	
	0	1	AO2	6802	
	0	1	AO2	6803	
	0	1	AO3	6802	
	0	2	AO3	6803	
	0	1	AOAN	6802	
ACTIVITY TOTAL:	0	8			
NAS Jacksonville Sea OPDET, 46965					
ACDU	0	5	AOAN	6802	
ACTIVITY TOTAL:	0	5			
NAS Keflavik, 63032					
ACDU	0	1	AOC	6801	
	0	1	AOC	0812	6801
	0	1	AO2	6810	6801
	0	1	AO3	6801	
	0	1	AOAN	6801	
ACTIVITY TOTAL:	0	5			
NAS Keflavik AIMD, 44335					
ACDU	0	1	AO1	6803	
	0	1	AO2	6803	
	0	1	AO3	6803	
ACTIVITY TOTAL:	0	3			
NAS Key West AIMD, 44320					
ACDU	0	1	AO1	6802	
	0	1	AO2	6802	
ACTIVITY TOTAL:	0	2			
NAS Oceana, 60191					
ACDU	0	3	AOAN	6801	
ACTIVITY TOTAL:	0	3			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
NAS Oceana AIMD, 44327					
ACDU	0	1	AOC	6802	
	0	7	AO1	6802	
	0	20	AO2	6802	
	0	23	AO3	6802	
	0	22	AOAN	6802	
ACTIVITY TOTAL:	0	73			
NAS Oceana Sea OPDET, 46963					
ACDU	0	10	AO2	6802	
	0	4	AO3	6802	
	0	5	AOAN	6802	
ACTIVITY TOTAL:	0	19			
NAS Sigonella AIMD, 44330					
ACDU	0	1	AO1	6803	
	0	1	AO1	6803	6802
	0	1	AO2	6803	6802
ACTIVITY TOTAL:	0	3			
NAS Willow Grove RAIMD, 44493, FY00 Increment					
TAR	0	1	AO2	6803	
	0	2	AO3	6802	
	0	1	AOAN	6802	
ACTIVITY TOTAL:	0	4			
NAVSTKAIR TESTRON, 39783					
ACDU	0	3	AO1	6801	
	0	1	AO2	6801	
	0	5	AO3	6801	
	0	4	AOAN	6801	
	0	2	AOAN	6801	8845
ACTIVITY TOTAL:	0	15			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
NAVTEST WINGLANT, 39782					
ACDU	0	1	AOC	6802	
	0	2	AO1	6802	6803
	0	1	AO1	6803	6802
	0	1	AO2	6802	
	0	1	AO2	6803	6802
	0	2	AO3	6802	
	0	2	AOAN	6802	
ACTIVITY TOTAL:	0	10			
NS Roosevelt Roads A/C OPDET, 35682					
ACDU	0	1	AOAN	6802	
ACTIVITY TOTAL:	0	1			
NS Roosevelt Roads AIMD, 44373					
ACDU	0	1	AO1	6802	
	0	1	AO1	6803	
	0	1	AO2	6802	
	0	3	AO3	6802	
	0	1	AO3	6803	
ACTIVITY TOTAL:	0	7			
Ordnance Det Oceana, 31279					
ACDU	0	1	AOC	6801	
	0	1	AO1	6801	
	0	8	AO2	6801	
	0	15	AO3	6801	
	0	8	AOAN	6801	
ACTIVITY TOTAL:	0	33			
SURFLANT AVORD/MTT Norfolk, 48764					
ACDU	0	5	AO1	6801	
ACTIVITY TOTAL:	0	5			
ABFC FMP Alpha Moffett, 49738					
TAR	0	1	AO1	6803	
SELRES	0	1	AO1	6803	
ACTIVITY TOTAL:	0	2			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
ABFC FMP MMF Hotel, New Orleans, 68822					
TAR	0	1	AO1	6803	
SELRES	0	1	AO1	6803	
ACTIVITY TOTAL:	0	2			
COMFLTACT Okinawa, 62254					
ACDU	0	1	AO1	6801	
	0	1	AO2	6801	
ACTIVITY TOTAL:	0	2			
CV 63 USS Kitty Hawk, 03363					
ACDU	0	1	AOC	6802	
	0	10	AO1	6801	
	0	2	AO1	6802	
	0	1	AO2	6801	
	0	3	AO2	6802	
	0	3	AO3	6802	
	0	5	AOAN	6802	
ACTIVITY TOTAL:	0	25			
CV 64 USS Constellation, 03364					
ACDU	0	1	AOC	6802	
	0	10	AO1	6801	
	0	2	AO1	6802	
	0	1	AO2	6801	
	0	1	AO2	6802	
	0	4	AOAN	6802	
ACTIVITY TOTAL:	0	19			
CVN 70 USS Carl Vinson, 20993					
ACDU	0	1	AOC	6801	
	0	1	AOC	6802	
	0	9	AO1	6801	
	0	2	AO1	6802	
	0	1	AO2	6801	
	0	1	AO2	6802	
	0	1	AO3	6802	
	0	2	AOAN	6802	
ACTIVITY TOTAL:	0	18			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
CVN 72 USS Abraham Lincoln, 21297					
ACDU	0	1	AOC	6801	
	0	1	AOC	6802	
	0	9	AO1	6801	
	0	2	AO1	6802	
	0	1	AO2	6801	
	0	1	AO2	6802	
	0	3	AOAN	6802	
ACTIVITY TOTAL:	0	18			
CVN 74 USS John C. Stennis, 21847					
ACDU	0	1	AOC	6802	
	0	10	AO1	6801	
	0	2	AO1	6802	
	0	1	AO2	6801	
	0	2	AO2	6802	
	0	2	AOAN	6802	
ACTIVITY TOTAL:	0	18			
CVN 76 USS Ronald Reagan, 22178, FY02 Increment					
ACDU	0	1	AOC	6802	
	0	10	AO1	6801	
	0	2	AO1	6802	
	0	1	AO2	6801	
	0	2	AO2	6802	
	0	2	AOAN	6802	
ACTIVITY TOTAL:	0	18			
FMP MMF Charlie Kaneohe, 68704					
SELRES	0	2	AO1	6803	
ACTIVITY TOTAL:	0	2			
LHA 1 USS Tarawa, 20550					
ACDU	0	2	AO1	6801	
	0	1	AO1	6802	
ACTIVITY TOTAL:	0	3			
LHA 3 USS Belleau Wood, 20633					
ACDU	0	2	AO1	6801	
	0	1	AO1	6802	
ACTIVITY TOTAL:	0	3			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
LHA 5 USS Peleliu, 20748					
ACDU	0	2	AO1	6801	
	0	1	AO1	6802	
ACTIVITY TOTAL:	0	3			
LHD 2 USS Essex, 21533					
ACDU	0	2	AO1	6801	
	0	1	AO1	6802	
	0	1	AO3	6802	
ACTIVITY TOTAL:	0	4			
LHD 4 USS Boxer, 21808					
ACDU	0	2	AO1	6801	
	0	1	AO1	6802	
	0	1	AO3	6802	
ACTIVITY TOTAL:	0	4			
LHD 6 USS Bonhomme Richard, 22202					
ACDU	0	2	AO1	6801	
	0	1	AO1	6802	
	0	1	AO3	6802	
ACTIVITY TOTAL:	0	4			
MCS 12 USS Inchon, 20009					
TAR	0	1	AO1	6801	
	0	1	AO1	6802	
ACTIVITY TOTAL:	0	2			
NAF Atsugi AIMD, 44323					
ACDU	0	1	AO1	6802	
	0	2	AO3	6802	
	0	2	AOAN	6802	
ACTIVITY TOTAL:	0	5			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
NAF El Centro, 60042					
ACDU	0	1	AOC	6801	
	0	1	AO1	6801	
	0	1	AO1	6802	
	0	5	AO2	6801	
	0	1	AO2	6802	
ACTIVITY TOTAL:	0	9			
NAF Misawa AIMD, 44331					
ACDU	0	2	AO1	6803	
	0	1	AO2	6803	
	0	1	AO3	6803	
SELRES	0	1	AO1	6803	
	0	2	AO2	6803	
ACTIVITY TOTAL:	0	7			
NAS Barbers Point AIMD, 44312					
ACDU	0	1	AO1	6803	
	0	2	AO2	6803	
ACTIVITY TOTAL:	0	3			
NAS Fallon, 44317					
ACDU	0	1	AO1	6802	
	0	4	AO2	6802	
	0	3	AO3	6802	
	0	1	AO3	6802	9527
ACTIVITY TOTAL:	0	9			
NAS JRB Fort Worth RAIMD, 44487					
TAR	0	2	AO2	6802	
	0	1	AO3	6802	
ACTIVITY TOTAL:	0	3			
NAS Lemoore, 63042					
ACDU	0	1	AO1	6801	
	0	2	AO2	6801	
ACTIVITY TOTAL:	0	3			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
NAS Lemoore AIMD, 44321					
ACDU	0	2	AOC	6802	
	0	9	AO1	6802	
	0	8	AO2	6802	
	0	11	AO3	6802	
	0	24	AOAN	6802	
NAS Lemoore AIMD, 44321, FY01 Increment					
ACDU	0	1	AO2	6802	
NAS Lemoore AIMD, 44321, FY02 Increment					
ACDU	0	2	AOAN	6802	
ACTIVITY TOTAL:	0	57			
NAS Lemoore Sea OPDET, 46964					
ACDU	0	4	AO2	6802	
	0	3	AO3	6802	
	0	4	AOAN	6802	
ACTIVITY TOTAL:	0	11			
NAS New Orleans RAIMD, 44490					
TAR	0	1	AO2	6803	
	0	1	AO3	6802	
	0	1	AO3	6803	
	0	1	AOAN	6802	
ACTIVITY TOTAL:	0	4			
NAS North Island AIMD, 44326					
ACDU	0	2	AO1	6802	
	0	2	AO2	6802	
	0	2	AO3	6802	
	0	2	AOAN	6802	
ACTIVITY TOTAL:	0	8			
NAS North Island Sea OPDET, 46968					
ACDU	0	4	AOAN	6802	
ACTIVITY TOTAL:	0	4			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
NAS Point Mugu, 0429A					
ACDU	0	1	AOC	8345	6801
	0	5	AO1	6801	
	0	6	AO2	6801	
	0	5	AO3	6801	
	0	1	AO3	6801	8842
	0	1	AOAN	6801	
ACTIVITY TOTAL:	0	19			
NAS Point Mugu A/C OPDET, 45113					
ACDU	0	2	AO3	6802	
ACTIVITY TOTAL:	0	2			
NAS Point Mugu AIMD, 44328					
ACDU	0	1	AO1	6802	
	0	2	AO2	6802	
	0	1	AO3	6802	
ACTIVITY TOTAL:	0	4			
NAS Whidbey Island AIMD, 44329					
ACDU	0	3	AO1	6802	
	0	2	AO2	6802	
	0	1	AO3	6802	
	0	2	AOAN	6802	
ACTIVITY TOTAL:	0	8			
NAS Whidbey Island Sea OPDET, 46967					
ACDU	0	9	AO3	6802	
ACTIVITY TOTAL:	0	9			
NAS Whidbey Island Van OPDET, 31179					
ACDU	0	5	AO2	6802	
	0	5	AO3	6802	
ACTIVITY TOTAL:	0	10			
NATMSACT Kingsville, 49149					
ACDU	0	1	AO1	6801	
ACTIVITY TOTAL:	0	1			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
NAVAIRES Santa Clara RAIMD, 44489					
TAR	0	1	AO1	6803	
	0	1	AO2	6803	
	0	1	AO3	6803	
ACTIVITY TOTAL:	0	3			
NAVAIRWPNS-MAINTUNIT One, Guam, 52821					
ACDU	0	1	AOC	6801	
	0	3	AO1	6801	
	0	12	AO2	6801	
	0	4	AO3	6801	
	0	5	AO3	6802	
	0	3	AOAN	6801	
ACTIVITY TOTAL:	0	28			
NAVWPN TESTRON China Lake, 39787					
ACDU	0	1	AO1	8342	6802
ACTIVITY TOTAL:	0	1			
NAWCWD Point Mugu, 63126					
ACDU	0	1	AOC	6802	8342
	0	1	AO1	6801	
	0	1	AO1	6802	
ACTIVITY TOTAL:	0	3			

FLEET SUPPORT ACTIVITIES - USMC

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
2nd MAW, MCAS Cherry Point, 57080					
USMC	0	1	GYSGT	6541	
ACTIVITY TOTAL:	0	1			
4th MAW, NAS New Orleans, 67021					
USMC	0	1	GYSGT	6541	
ACTIVITY TOTAL:	0	1			
Aviation Department HQMC, 83173					
USMC	0	1	SSGT	6541	
ACTIVITY TOTAL:	0	1			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
Blount Island, NAS Jacksonville, 32264					
USMC	0	1	GYSGT	6541	
	0	1	SGT	6541	
ACTIVITY TOTAL:	0	2			
H&HS, MCAS Beaufort, 04017					
USMC	0	1	GYSGT	6541	
	0	1	LCPL	6541	
	0	1	SGT	6541	
	0	1	SGT	6541	9954
	0	1	SSGT	6541	
ACTIVITY TOTAL:	0	5			
H&HS, MCAS Cherry Point, 09037					
USMC	0	4	CPL	6541	
	0	4	LCPL	6541	
	0	4	SGT	6541	
	0	3	SSGT	6541	
ACTIVITY TOTAL:	0	15			
H&HS, MCAS New River, 02021					
USMC	0	1	CPL	6541	9954
	0	1	GYSGT	6541	
	0	1	LCPL	6541	
	0	1	SGT	6541	
	0	1	SSGT	6541	
ACTIVITY TOTAL:	0	5			
MALS-14, MCAS Cherry Point, 09114					
USMC	0	9	CPL	6541	
	0	4	GYSGT	6541	
	0	20	LCPL	6541	
	0	7	SGT	6541	
	0	4	SSGT	6541	
ACTIVITY TOTAL:	0	44			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
MALS-26, MCAS New River, 09167					
USMC	0	1	CPL	6541	
	0	2	GYSGT	6541	
	0	5	LCPL	6541	
	0	1	SGT	6541	
	0	3	SSGT	6541	
ACTIVITY TOTAL:	0	12			
MALS-29, MCAS New River, 52841					
USMC	0	1	CPL	6541	
	0	2	GYSGT	6541	
	0	5	LCPL	6541	
	0	1	SGT	6541	
	0	3	SSGT	6541	
ACTIVITY TOTAL:	0	12			
MALS-31, MCAS Beaufort, 09131					
USMC	0	9	CPL	6541	
	0	4	GYSGT	6541	
	0	20	LCPL	6541	
	0	7	SGT	6541	
	0	4	SSGT	6541	
ACTIVITY TOTAL:	0	44			
MALS-42, JRB Marietta Georgia, 09513					
USMC	0	1	LCPL	6541	
	0	1	SGT	6541	
AR	0	1	CPL	6541	
	0	1	GYSGT	6541	
	0	1	SSGT	6541	
SMCR	0	1	GYSGT	6541	
	0	4	LCPL	6541	
SMCR	0	2	SSGT	6541	
ACTIVITY TOTAL:	0	12			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
MALS-49, JRB Stewart New York, 55555					
USMC	0	2	LCPL	6541	
	0	1	SGT	6541	
	0	1	SSGT	6541	
AR	0	1	SSGT	6541	
SMCR	0	1	CPL	6541	
	0	2	GYSGT	6541	
	0	3	LCPL	6541	
	0	1	SSGT	6541	
ACTIVITY TOTAL:	0	12			
MARCOR Field Services Assignment, 83173					
USMC	0	2	CPL	6541	
	0	1	GYSGT	6541	
	0	2	LCPL	6541	
	0	2	SGT	6541	
ACTIVITY TOTAL:	0	7			
MATSG Pensacola, 67389					
USMC	0	1	GYSGT	6541	
	0	5	SSGT	6541	
ACTIVITY TOTAL:	0	6			
MC Personnel Department of Navy, Non-Department, 83173					
USMC	0	4	GYSGT	6541	
	0	1	SGT	6541	
	0	1	SSGT	6541	
ACTIVITY TOTAL:	0	6			
Special Assignment MC Navy Department, 88080					
USMC	0	1	GYSGT	6541	
ACTIVITY TOTAL:	0	1			
1st MAW, MCAS Okinawa, 57079					
USMC	0	1	GYSGT	6541	
ACTIVITY TOTAL:	0	1			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
3rd MAW, MCAS Miramar, 57081					
USMC	0	1	GYSGT	6541	
ACTIVITY TOTAL:	0	1			
H&HS, MCAS Camp Pendleton, 27604					
USMC	0	2	CPL	6541	
	0	1	GYSGT	6541	
	0	2	LCPL	6541	
	0	1	SGT	6541	
	0	3	SSGT	6541	
ACTIVITY TOTAL:	0	9			
H&HS, MCAS Futenma, 63026					
USMC	0	1	GYSGT	6541	
ACTIVITY TOTAL:	0	1			
H&HS, MCAS Iwakuni, 52991					
USMC	0	1	CPL	6541	
	0	1	LCPL	6541	
	0	3	SGT	6541	
	0	2	SSGT	6541	
ACTIVITY TOTAL:	0	7			
H&HS, MCAS Miramar, 31200					
USMC	0	2	CPL	6541	
	0	2	GYSGT	6541	
	0	1	LCPL	6541	
	0	2	SGT	6541	
	0	2	SSGT	6541	
ACTIVITY TOTAL:	0	9			
H&HS, MCAS Yuma, 62974					
USMC	0	3	GYSGT	6541	
	0	7	LCPL	6541	
	0	4	SGT	6541	
	0	1	SSGT	6541	
	0	3	SSGT	6541	9954
ACTIVITY TOTAL:	0	18			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
MAD China Lake, 67852					
USMC	0	1	GYSGT	6541	
	0	1	SSGT	6541	
ACTIVITY TOTAL:	0	2			
MALS-11, MCAS Miramar, 09111					
USMC	0	9	CPL	6541	
	0	4	GYSGT	6541	
	0	20	LCPL	6541	
	0	7	SGT	6541	
	0	4	SSGT	6541	
ACTIVITY TOTAL:	0	44			
MALS-12, MCAS Iwakuni, 09112					
USMC	0	9	CPL	6541	
	0	4	GYSGT	6541	
	0	20	LCPL	6541	
	0	7	SGT	6541	
	0	4	SSGT	6541	
ACTIVITY TOTAL:	0	44			
MALS-13, MCAS Yuma, 57082					
USMC	0	9	CPL	6541	
	0	4	GYSGT	6541	
	0	20	LCPL	6541	
	0	7	SGT	6541	
	0	4	SSGT	6541	
ACTIVITY TOTAL:	0	44			
MALS-16, MCAS Miramar, 09116					
USMC	0	1	CPL	6541	
	0	2	GYSGT	6541	
	0	5	LCPL	6541	
	0	1	SGT	6541	
	0	3	SSGT	6541	
ACTIVITY TOTAL:	0	12			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
MALS-36, MCAS Okinawa, 09136					
USMC	0	1	CPL	6541	
	0	2	GYSGT	6541	
	0	5	LCPL	6541	
	0	1	SGT	6541	
	0	3	SSGT	6541	
ACTIVITY TOTAL:	0	12			
MALS-39, MCAS Camp Pendleton, 09808					
USMC	0	1	CPL	6541	
	0	2	GYSGT	6541	
	0	5	LCPL	6541	
	0	1	SGT	6541	
	0	3	SSGT	6541	
ACTIVITY TOTAL:	0	12			
MALS-41, JRB Fort Worth, 08944					
USMC	0	1	CPL	6541	
	0	2	GYSGT	6541	
	0	1	LCPL	6541	
	0	1	SGT	6541	
AR	0	1	GYSGT	6541	
	0	1	SGT	6541	
	0	2	SSGT	6541	
SMCR	0	7	CPL	6541	
	0	1	GYSGT	6541	
	0	20	LCPL	6541	
	0	5	SGT	6541	
	0	2	SSGT	6541	
ACTIVITY TOTAL:	0	44			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
MALS-46, MCAS Miramar, 09376					
USMC	0	1	LCPL	6541	
	0	1	SGT	6541	
AR	0	1	GYSGT	6541	
	0	1	SGT	6541	
	0	1	SSGT	6541	
SMCR	0	8	CPL	6541	
	0	3	GYSGT	6541	
	0	20	LCPL	6541	
	0	5	SGT	6541	
	0	3	SSGT	6541	
ACTIVITY TOTAL:	0	44			
MALSE, MCAS Kaneohe, 31947					
USMC	0	1	GYSGT	6541	
	0	1	LCPL	6541	
USMC	0	1	SGT	6541	
	0	1	SSGT	6541	
ACTIVITY TOTAL:	0	4			
MCAF, MCAS Kaneohe, 31498					
USMC	0	4	LCPL	6541	
	0	2	SGT	6541	
	0	1	SSGT	6541	
ACTIVITY TOTAL:	0	7			
MCAGCC 29 Palms, 47790					
USMC	0	2	LCPL	6541	
	0	1	SGT	6541	
	0	1	SSGT	6541	
	0	1	PVT	6541	
ACTIVITY TOTAL:	0	5			

II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

DESIG/ RATING	PNEC/SNEC	PMOS/SMOS	PFYs OFF	PFYs ENL	CFY00 OFF	CFY00 ENL	FY01 OFF	FY01 ENL	FY02 OFF	FY02 ENL	FY03 OFF	FY03 ENL	FY04 OFF	FY04 ENL
NAVY OPERATIONAL ACTIVITIES - ACDU														
AO3	6803			12		0		0		0		0		0
NAVY OPERATIONAL ACTIVITIES - TAR														
AO2	6802			3		0		0		0		0		0
AO3	6803			2		0		0		0		0		0
NAVY OPERATIONAL ACTIVITIES - SELRES														
AO3	6803			2		0		0		0		0		0
NAVY OPERATIONAL ACTIVITIES - USMC														
SGT	6541			3		0		0		0		0		0
USMC OPERATIONAL ACTIVITIES - ACDU														
AO3	6802			2		0		0		0		0		0
USMC OPERATIONAL ACTIVITIES - USMC														
CPL	6541			152		0		0		0		0		0
GYSGT	6541			9		0		0		0		0		0
LCPL	6541			214		0		0		0		0		0
SGT	6541			71		0		0		0		0		0
SSGT	6541			22		0		0		0		0		0
USMC OPERATIONAL ACTIVITIES - AR														
SGT	6541			6		0		0		0		0		0
SSGT	6541			3		0		0		0		0		0
USMC OPERATIONAL ACTIVITIES - SMCR														
CPL	6541			4		0		0		0		0		0
GYSGT	6541			1		0		0		0		0		0
LCPL	6541			22		0		0		0		0		0
SGT	6541			2		0		0		0		0		0
NAVY FLEET SUPPORT ACTIVITIES - ACDU														
AOC	6801			15		0		0		0		0		0
AOC	6802			17		0		0		1		0		0
AOC	6802	8342		1		0		0		0		0		0
AOC	0812	6801		1		0		0		0		0		0
AOC	8345	6801		1		0		0		0		0		0
AO1	6801			172		0		2		10		0		0
AO1	6801	9502		2		0		0		0		0		0
AO1	6802			65		0		1		2		0		0
AO1	6802	6803		2		0		0		0		0		0
AO1	6803			9		0		0		0		0		0
AO1	6803	6802		2		0		0		0		0		0
AO1	6810	6801		1		0		0		0		0		0

II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

DESIG/ RATING	PNEC/SNEC PMOS/SMOS		PFYs OFF	PFYs ENL	CFY00 OFF	CFY00 ENL	FY01 OFF	FY01 ENL	FY02 OFF	FY02 ENL	FY03 OFF	FY03 ENL	FY04 OFF	FY04 ENL
AO1	8342	6802		1		0		0		0		0		0
AO2	6801			59		0		0		1		0		0
AO2	6802			81		0		1		2		0		0
AO2	6803			7		0		0		0		0		0
AO2	6803	6802		2		0		0		0		0		0
AO2	6810	6801		1		0		0		0		0		0
AO3	6801			46		0		0		0		0		0
AO3	6801	8842		1		0		0		0		0		0
AO3	6802			92		0		1		0		0		0
AO3	6802	9527		1		0		0		0		0		0
AO3	6803			9		0		0		0		0		0
AOAN	6801			24		0		0		0		0		0
AOAN	6801	8845		2		0		0		0		0		0
AOAN	6802			118		0		0		4		0		0
NAVY FLEET SUPPORT ACTIVITIES - TAR														
AO1	6801			1		0		0		0		0		0
AO1	6802			3		0		0		0		0		0
AO1	6803			3		0		0		0		0		0
AO2	6802			4		0		0		0		0		0
AO2	6803			2		1		0		0		0		0
AO3	6802			4		2		1		0		0		0
AO3	6803			2		0		0		0		0		0
AOAN	6802			2		1		1		0		0		0
NAVY FLEET SUPPORT ACTIVITIES - SELRES														
AOC	6801			1		0		0		0		0		0
AO1	6803			5		0		0		0		0		0
AO2	6803			2		0		0		0		0		0
AO3	6803			1		0		0		0		0		0
USMC FLEET SUPPORT ACTIVITIES - USMC														
CPL	6541			62		0		0		0		0		0
CPL	6541	9954		1		0		0		0		0		0
GYSGT	6541			55		0		0		0		0		0
LCPL	6541			156		0		0		0		0		0
SGT	6541			68		0		0		0		0		0
SGT	6541	9954		1		0		0		0		0		0
SSGT	6541			60		0		0		0		0		0
SSGT	6541	9954		3		0		0		0		0		0
PVT	6541			1		0		0		0		0		0
USMC FLEET SUPPORT ACTIVITIES - AR														
CPL	6541			1		0		0		0		0		0
GYSGT	6541			3		0		0		0		0		0
SGT	6541			2		0		0		0		0		0
SSGT	6541			5		0		0		0		0		0

II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs OFF	PFYs ENL	CFY00 OFF	CFY00 ENL	FY01 OFF	FY01 ENL	FY02 OFF	FY02 ENL	FY03 OFF	FY03 ENL	FY04 OFF	FY04 ENL
USMC FLEET SUPPORT ACTIVITIES - SMCR													
CPL	6541		16		0		0		0		0		0
GYSGT	6541		7		0		0		0		0		0
LCPL	6541		47		0		0		0		0		0
SGT	6541		10		0		0		0		0		0
SSGT	6541		8		0		0		0		0		0

II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs OFF	PFYs ENL	CFY00 OFF	CFY00 ENL	FY01 OFF	FY01 ENL	FY02 OFF	FY02 ENL	FY03 OFF	FY03 ENL	FY04 OFF	FY04 ENL
SUMMARY TOTALS:													
NAVY OPERATIONAL ACTIVITIES - ACDU			12		0		0		0		0		0
NAVY OPERATIONAL ACTIVITIES - TAR			5		0		0		0		0		0
NAVY OPERATIONAL ACTIVITIES - SELRES			2		0		0		0		0		0
NAVY OPERATIONAL ACTIVITIES - USMC			3		0		0		0		0		0
USMC OPERATIONAL ACTIVITIES - ACDU			2		0		0		0		0		0
USMC OPERATIONAL ACTIVITIES - USMC			475		0		0		0		0		0
USMC OPERATIONAL ACTIVITIES - AR			11		0		0		0		0		0
USMC OPERATIONAL ACTIVITIES - SMCR			36		0		0		0		0		0
NAVY FLEET SUPPORT ACTIVITIES - ACDU			732		0		5		20		0		0
NAVY FLEET SUPPORT ACTIVITIES - TAR			21		4		2		0		0		0
NAVY FLEET SUPPORT ACTIVITIES - SELRES			9		0		0		0		0		0
USMC FLEET SUPPORT ACTIVITIES - USMC			407		0		0		0		0		0
USMC FLEET SUPPORT ACTIVITIES - AR			11		0		0		0		0		0
USMC FLEET SUPPORT ACTIVITIES - SMCR			88		0		0		0		0		0

II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs OFF	PFYs ENL	CFY00 OFF	CFY00 ENL	FY01 OFF	FY01 ENL	FY02 OFF	FY02 ENL	FY03 OFF	FY03 ENL	FY04 OFF	FY04 ENL
GRAND TOTALS:													
NAVY - ACDU			744		0		5		20		0		0
NAVY - TAR			26		4		2		0		0		0
NAVY - SELRES			11		0		0		0		0		0
NAVY - USMC			3		0		0		0		0		0
USMC - ACDU			2		0		0		0		0		0
USMC - USMC			882		0		0		0		0		0
USMC - AR			22		0		0		0		0		0
USMC - SMCR			124		0		0		0		0		0

II.A.2.a. OPERATIONAL AND FLEET SUPPORT ACTIVITY DEACTIVATION SCHEDULE

SOURCE: Total Force Management System   **DATE:**   9/29/99

ACTIVITY, UIC		PFYs	CFY00	FY01	FY02	FY03	FY04
FLEET SUPPORT ACTIVITIES - NAVY							
CV 64 USS Constellation	03364	0	0	0	1	0	0
TOTAL:		0	0	0	1	0	0

II.A.2.b. BILLETS TO BE DELETED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
FLEET SUPPORT ACTIVITIES - NAVY					
CV 67 USS John F. Kennedy, 03367, FY01 Increment					
ACDU	0	1	AOAN	6802	
ACTIVITY TOTAL:	0	1			
CV 63 USS Kitty Hawk, 03363, FY02 Increment					
ACDU	0	2	AO1	6801	
ACTIVITY TOTAL:	0	2			
NATMSACT Kingsville, 49149, FY00 Increment					
ACDU	0	1	AO1	6801	
ACTIVITY TOTAL:	0	1			

II.A.2.c. TOTAL BILLETS TO BE DELETED IN OPERATIONAL AND FLEET SUPPORT ACTIVITIES

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs OFF	PFYs ENL	CFY00 OFF	CFY00 ENL	FY01 OFF	FY01 ENL	FY02 OFF	FY02 ENL	FY03 OFF	FY03 ENL	FY04 OFF	FY04 ENL
NAVY FLEET SUPPORT ACTIVITIES - ACDU													
AOC	6802		1		0		0		-1		0		0
AO1	6801		21		-1		0		-12		0		0
AO1	6802		2		0		0		-2		0		0
AO2	6801		1		0		0		-1		0		0
AO2	6802		1		0		0		-1		0		0
AOAN	6802		11		0		-1		-4		0		0

SUMMARY TOTALS:

NAVY FLEET SUPPORT ACTIVITIES - ACDU													
			37		-1		-1		-21		0		0

GRAND TOTALS:

NAVY - ACDU													
			37		-1		-1		-21		0		0

II.A.3. TRAINING ACTIVITIES INSTRUCTOR AND SUPPORT BILLET REQUIREMENTS

DESIG RATING	PNEC/SNEC PMOS/SMOS	PFYs OFF	ENL	CFY00 OFF	ENL	FY01 OFF	ENL	FY02 OFF	ENL	FY03 OFF	ENL	FY04 OFF	ENL

TRAINING ACTIVITY, LOCATION, UIC: MTU 4030 NAMTRAGRU DET, NS Mayport, 66069

INSTRUCTOR BILLETS

ACDU

DESIG RATING	PNEC/SNEC	PMOS/SMOS	PFYs OFF	ENL	CFY00 OFF	ENL	FY01 OFF	ENL	FY02 OFF	ENL	FY03 OFF	ENL	FY04 OFF	ENL
AO1	6801	9502	0	2	0	2	0	2	0	2	0	2	0	2
TOTAL:			0	2	0	2	0	2	0	2	0	2	0	2

TRAINING ACTIVITY, LOCATION, UIC: MTU 4032 NAMTRAGRU DET, NAS Norfolk, 66046

INSTRUCTOR BILLETS

ACDU

DESIG RATING	PNEC/SNEC	PMOS/SMOS	PFYs OFF	ENL	CFY00 OFF	ENL	FY01 OFF	ENL	FY02 OFF	ENL	FY03 OFF	ENL	FY04 OFF	ENL
AOC	6801	9502	0	1	0	1	0	1	0	1	0	1	0	1
AOC	6802	9502	0	1	0	1	0	1	0	1	0	1	0	1
AO1	6801	9502	0	3	0	3	0	3	0	3	0	3	0	3
AO1	6802	9502	0	3	0	3	0	3	0	3	0	3	0	3

SELRES

DESIG RATING	PNEC/SNEC	PMOS/SMOS	PFYs OFF	ENL	CFY00 OFF	ENL	FY01 OFF	ENL	FY02 OFF	ENL	FY03 OFF	ENL	FY04 OFF	ENL
AO1	6802	9502	0	0	0	0	0	1	0	1	0	1	0	1
TOTAL:			0	8	0	8	0	9	0	9	0	9	0	9

TRAINING ACTIVITY, LOCATION, UIC: MTU 4033 NAMTRADRU DET, NAS North Island, 66065

INSTRUCTOR BILLETS

ACDU

DESIG RATING	PNEC/SNEC	PMOS/SMOS	PFYs OFF	ENL	CFY00 OFF	ENL	FY01 OFF	ENL	FY02 OFF	ENL	FY03 OFF	ENL	FY04 OFF	ENL
AOC	6801	9502	0	2	0	2	0	2	0	2	0	2	0	2
AOC	6802	9502	0	1	0	1	0	1	0	1	0	1	0	1
AO1	6802	9502	0	1	0	1	0	1	0	1	0	1	0	1
AO2	6801	9502	0	2	0	2	0	2	0	2	0	2	0	2
AO2	6802	9502	0	2	0	2	0	2	0	2	0	2	0	2
TOTAL:			0	8	0	8	0	8	0	8	0	8	0	8

II.A.3. TRAINING ACTIVITIES INSTRUCTOR AND SUPPORT BILLET REQUIREMENTS

DESIG RATING	PNEC/SNEC PMOS/SMOS	PFYs OFF	ENL	CFY00 OFF	ENL	FY01 OFF	ENL	FY02 OFF	ENL	FY03 OFF	ENL	FY04 OFF	ENL

TRAINING ACTIVITY, LOCATION, UIC: MTU 4035 NAMTRAGRU DET, NAS Whidbey Island, 66058

INSTRUCTOR BILLETS

ACDU

DESIG RATING	PNEC/SNEC PMOS/SMOS	PFYs OFF	ENL	CFY00 OFF	ENL	FY01 OFF	ENL	FY02 OFF	ENL	FY03 OFF	ENL	FY04 OFF	ENL
AOC	6801 9502	0	2	0	2	0	2	0	2	0	2	0	2
AO1	6801 9502	0	3	0	3	0	3	0	3	0	3	0	3
TOTAL:		0	5	0	5	0	5	0	5	0	5	0	5

TRAINING ACTIVITY, LOCATION, UIC: NAMTRAGRU DET, NAS Jacksonville, 66051

INSTRUCTOR BILLETS

ACDU

DESIG RATING	PNEC/SNEC PMOS/SMOS	PFYs OFF	ENL	CFY00 OFF	ENL	FY01 OFF	ENL	FY02 OFF	ENL	FY03 OFF	ENL	FY04 OFF	ENL
AO1	6803 9502	0	1	0	1	0	1	0	1	0	1	0	1
TOTAL:		0	1	0	1	0	1	0	1	0	1	0	1

TRAINING ACTIVITY, LOCATION, UIC: NAMTRAGRU DET, NAS Whidbey Island, 66058

INSTRUCTOR BILLETS

ACDU

DESIG RATING	PNEC/SNEC PMOS/SMOS	PFYs OFF	ENL	CFY00 OFF	ENL	FY01 OFF	ENL	FY02 OFF	ENL	FY03 OFF	ENL	FY04 OFF	ENL
AO1	6803 9502	0	1	0	1	0	1	0	1	0	1	0	1
TOTAL:		0	1	0	1	0	1	0	1	0	1	0	1

TRAINING ACTIVITY, LOCATION, UIC: VMAT-203 FREST, MCAS Cherry Point, 45483

INSTRUCTOR BILLETS

USMC

DESIG RATING	PNEC/SNEC PMOS/SMOS	PFYs OFF	ENL	CFY00 OFF	ENL	FY01 OFF	ENL	FY02 OFF	ENL	FY03 OFF	ENL	FY04 OFF	ENL
GYSGT	6541	0	2	0	2	0	2	0	2	0	2	0	2
SGT	6541	0	19	0	19	0	19	0	19	0	19	0	19
SSGT	6541	0	2	0	2	0	2	0	2	0	2	0	2
TOTAL:		0	23	0	23	0	23	0	23	0	23	0	23

II.A.4. CHARGEABLE STUDENT BILLET REQUIREMENTS

ACTIVITY, LOCATION, UIC	USN/ USMC	PFYs OFF	PFYs ENL	CFY00 OFF	CFY00 ENL	FY01 OFF	FY01 ENL	FY02 OFF	FY02 ENL	FY03 OFF	FY03 ENL	FY04 OFF	FY04 ENL
MTU 4030 NAMTRAGRU DET, NS Mayport, 66069	NAVY		1.7		1.7		1.7		1.7		1.7		1.7
MTU 4032 NAMTRAGRU DET, NAS Norfolk, 66046	NAVY		18.2		18.9		19.0		18.6		18.6		18.6
NAMTRAGRU DET, NAS Jacksonville, 66051	NAVY		0.7		0.8		0.8		0.8		0.8		0.8
VMAT 203 FREST, MCAS Cherry Point, 45483	USMC		50.4		50.4		50.4		50.4		50.4		50.4
MTU 4033 NAMTRADRU DET, NAS North Island, 66065	NAVY		15.1		15.3		14.9		17.4		15.3		15.3
MTU 4035 NAMTRAGRU DET, NAS Whidbey Island, 66058	NAVY		2.7		2.7		2.7		2.7		2.6		2.6
NAMTRAGRU DET, NAS Whidbey, 66058	NAVY		0.5		0.5		0.5		0.5		0.5		0.5

SUMMARY TOTALS:

	USN/ USMC	PFYs OFF	PFYs ENL	CFY00 OFF	CFY00 ENL	FY01 OFF	FY01 ENL	FY02 OFF	FY02 ENL	FY03 OFF	FY03 ENL	FY04 OFF	FY04 ENL
	NAVY		38.9		39.9		39.6		41.7		39.5		39.5
	USMC		50.4		50.4		50.4		50.4		50.4		50.4

GRAND TOTALS:

	PFYs ENL	CFY00 ENL	FY01 ENL	FY02 ENL	FY03 ENL	FY04 ENL
	89.3	90.3	90.0	92.1	89.9	89.9

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY00 +/-	CUM	FY01 +/-	CUM	FY02 +/-	CUM	FY03 +/-	CUM	FY04 +/-	CUM
a. OFFICER - USN				Not Applicable									

b. ENLISTED - USN

Operational Billets ACDU and TAR

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY00 +/-	CUM	FY01 +/-	CUM	FY02 +/-	CUM	FY03 +/-	CUM	FY04 +/-	CUM
AO2	6802		3	0	3	0	3	0	3	0	3	0	3
AO3	6802		2	0	2	0	2	0	2	0	2	0	2
AO3	6803		14	0	14	0	14	0	14	0	14	0	14

Fleet Support Billets ACDU and TAR

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY00 +/-	CUM	FY01 +/-	CUM	FY02 +/-	CUM	FY03 +/-	CUM	FY04 +/-	CUM
AOC	6801		15	0	15	0	15	0	15	0	15	0	15
AOC	6802		17	0	17	0	17	0	17	0	17	0	17
AOC	6802	8342	1	0	1	0	1	0	1	0	1	0	1
AOC	0812	6801	1	0	1	0	1	0	1	0	1	0	1
AOC	8345	6801	1	0	1	0	1	0	1	0	1	0	1
AO1	6801		173	-1	172	2	174	-2	172	0	172	0	172
AO1	6801	9502	2	0	2	0	2	0	2	0	2	0	2
AO1	6802		68	0	68	1	69	0	69	0	69	0	69
AO1	6802	6803	2	0	2	0	2	0	2	0	2	0	2
AO1	6803		12	0	12	0	12	0	12	0	12	0	12
AO1	6803	6802	2	0	2	0	2	0	2	0	2	0	2
AO1	6810	6801	1	0	1	0	1	0	1	0	1	0	1
AO1	8342	6802	1	0	1	0	1	0	1	0	1	0	1
AO2	6801		59	0	59	0	59	0	59	0	59	0	59
AO2	6802		85	0	85	1	86	1	87	0	87	0	87
AO2	6803		9	1	10	0	10	0	10	0	10	0	10
AO2	6803	6802	2	0	2	0	2	0	2	0	2	0	2
AO2	6810	6801	1	0	1	0	1	0	1	0	1	0	1
AO3	6801		46	0	46	0	46	0	46	0	46	0	46
AO3	6801	8842	1	0	1	0	1	0	1	0	1	0	1
AO3	6802		96	2	98	2	100	0	100	0	100	0	100
AO3	6802	9527	1	0	1	0	1	0	1	0	1	0	1
AO3	6803		11	0	11	0	11	0	11	0	11	0	11
AOAN	6801		24	0	24	0	24	0	24	0	24	0	24
AOAN	6801	8845	2	0	2	0	2	0	2	0	2	0	2
AOAN	6802		120	1	121	0	121	0	121	0	121	0	121

Staff Billets ACDU and TAR

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY00 +/-	CUM	FY01 +/-	CUM	FY02 +/-	CUM	FY03 +/-	CUM	FY04 +/-	CUM
AOC	6801	9502	5	0	5	0	5	0	5	0	5	0	5
AOC	6802	9502	2	0	2	0	2	0	2	0	2	0	2
AO1	6801	9502	8	0	8	0	8	0	8	0	8	0	8
AO1	6802	9502	4	0	4	1	5	0	5	0	5	0	5
AO1	6803	9502	2	0	2	0	2	0	2	0	2	0	2
AO2	6801	9502	2	0	2	0	2	0	2	0	2	0	2
AO2	6802	9502	2	0	2	0	2	0	2	0	2	0	2

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY00 +/-	CFY00 CUM	FY01 +/-	FY01 CUM	FY02 +/-	FY02 CUM	FY03 +/-	FY03 CUM	FY04 +/-	FY04 CUM
Chargeable Student Billets ACDU and TAR													
			39	1	40	0	40	2	42	-2	40	0	40
SELRES Billets													
AOC	6801		1	0	1	0	1	0	1	0	1	0	1
AO1	6803		5	0	5	0	5	0	5	0	5	0	5
AO2	6803		2	0	2	0	2	0	2	0	2	0	2
AO3	6803		3	0	3	0	3	0	3	0	3	0	3

TOTAL USN ENLISTED BILLETS:

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY00 +/-	CFY00 CUM	FY01 +/-	FY01 CUM	FY02 +/-	FY02 CUM	FY03 +/-	FY03 CUM	FY04 +/-	FY04 CUM
Operational			19	0	19	0	19	0	19	0	19	0	19
Fleet Support			753	3	756	6	762	-1	761	0	761	0	761
Staff			25	0	25	1	26	0	26	0	26	0	26
Chargeable Student			39	1	40	0	40	2	42	-2	40	0	40
SELRES			11	0	11	0	11	0	11	0	11	0	11

c. OFFICER - USMC   Not Applicable

d. ENLISTED - USMC

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY00 +/-	CFY00 CUM	FY01 +/-	FY01 CUM	FY02 +/-	FY02 CUM	FY03 +/-	FY03 CUM	FY04 +/-	FY04 CUM
Operational Billets USMC and AR													
CPL	6541		152	0	152	0	152	0	152	0	152	0	152
GYSGT	6541		9	0	9	0	9	0	9	0	9	0	9
LCPL	6541		214	0	214	0	214	0	214	0	214	0	214
SGT	6541		84	0	84	0	84	0	84	0	84	0	84
SSGT	6541		25	0	25	0	25	0	25	0	25	0	25
Fleet Support Billets USMC and AR													
CPL	6541		63	0	63	0	63	0	63	0	63	0	63
CPL	6541	9954	1	0	1	0	1	0	1	0	1	0	1
GYSGT	6541		58	0	58	0	58	0	58	0	58	0	58
LCPL	6541		156	0	156	0	156	0	156	0	156	0	156
SGT	6541		70	0	70	0	70	0	70	0	70	0	70
SGT	6541	9954	1	0	1	0	1	0	1	0	1	0	1

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY00 +/-	CFY00 CUM	FY01 +/-	FY01 CUM	FY02 +/-	FY02 CUM	FY03 +/-	FY03 CUM	FY04 +/-	FY04 CUM
SSGT	6541		65	0	65	0	65	0	65	0	65	0	65
SSGT	6541	9954	3	0	3	0	3	0	3	0	3	0	3
PVT	6541		1	0	1	0	1	0	1	0	1	0	1

Staff Billets USMC and AR

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY00 +/-	CFY00 CUM	FY01 +/-	FY01 CUM	FY02 +/-	FY02 CUM	FY03 +/-	FY03 CUM	FY04 +/-	FY04 CUM
GYSGT	6541		2	0	2	0	2	0	2	0	2	0	2
SGT	6541		19	0	19	0	19	0	19	0	19	0	19
SSGT	6541		2	0	2	0	2	0	2	0	2	0	2

Chargeable Student Billets USMC and AR

			BILLET BASE	CFY00 +/-	CFY00 CUM	FY01 +/-	FY01 CUM	FY02 +/-	FY02 CUM	FY03 +/-	FY03 CUM	FY04 +/-	FY04 CUM
			50	0	50	0	50	0	50	0	50	0	50

SMCR Billets

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY00 +/-	CFY00 CUM	FY01 +/-	FY01 CUM	FY02 +/-	FY02 CUM	FY03 +/-	FY03 CUM	FY04 +/-	FY04 CUM
CPL	6541		20	0	20	0	20	0	20	0	20	0	20
GYSGT	6541		11	0	11	0	11	0	11	0	11	0	11
LCPL	6541		73	0	73	0	73	0	73	0	73	0	73
SGT	6541		12	0	12	0	12	0	12	0	12	0	12
SSGT	6541		8	0	8	0	8	0	8	0	8	0	8

TOTAL USMC ENLISTED BILLETS:

	BILLET BASE	CFY00 +/-	CFY00 CUM	FY01 +/-	FY01 CUM	FY02 +/-	FY02 CUM	FY03 +/-	FY03 CUM	FY04 +/-	FY04 CUM
Operational	479	0	479	0	479	0	479	0	479	0	479
Fleet Support	418	0	418	0	418	0	418	0	418	0	418
Staff	23	0	23	0	23	0	23	0	23	0	23
Chargeable Student	50	0	50	0	50	0	50	0	50	0	50
SMCR	124	0	124	0	124	0	124	0	124	0	124

II.B. PERSONNEL REQUIREMENTS

II.B.1. ANNUAL TRAINING INPUT REQUIREMENTS

CIN, COURSE TITLE: D-646-7001, Strike Armament Systems Intermediate Maintenance
COURSE LENGTH: 9.4 Weeks   **TOUR LENGTH:**   36 Months
ATTRITION FACTOR: Navy: 10%   **BACKOUT FACTOR:**   0.19

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY00 OFF	ENL	FY01 OFF	ENL	FY02 OFF	ENL	FY03 OFF	ENL	FY04 OFF	ENL
MTU 4032 NAMTRAGRU DET, NAS Norfolk												
	NAVY	ACDU		74		74		74		74		74
		TAR		6		6		4		4		4
		SELRES		0		0		0		0		0
		TOTAL:		80		80		78		78		78

CIN, COURSE TITLE: E-646-7001, Strike Armament Systems Intermediate Maintenance
COURSE LENGTH: 9.4 Weeks   **TOUR LENGTH:**   36 Months
ATTRITION FACTOR: Navy: 10%   **BACKOUT FACTOR:**   0.19

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY00 OFF	ENL	FY01 OFF	ENL	FY02 OFF	ENL	FY03 OFF	ENL	FY04 OFF	ENL
MTU 4033 NAMTRADRU DET, NAS North Island												
	NAVY	ACDU		71		69		77		72		72
		TAR		3		3		3		3		3
		TOTAL:		74		72		80		75		75

CIN, COURSE TITLE: D-646-7005, P-3 Armament Systems Intermediate Maintenance
COURSE LENGTH: 3.4 Weeks   **TOUR LENGTH:**   36 Months
ATTRITION FACTOR: Navy: 10%   **BACKOUT FACTOR:**   0.07

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY00 OFF	ENL	FY01 OFF	ENL	FY02 OFF	ENL	FY03 OFF	ENL	FY04 OFF	ENL
NAMTRAGRU DET, NAS Jacksonville												
	NAVY	ACDU		11		11		11		11		11
		TAR		1		1		1		1		1
		SELRES		0		1		0		0		0
		TOTAL:		12		13		12		12		12

CIN, COURSE TITLE: E-646-7005, P-3 Armament Systems Intermediate Maintenance
COURSE LENGTH: 3.4 Weeks   **TOUR LENGTH:**   36 Months
ATTRITION FACTOR: Navy: 10%   **BACKOUT FACTOR:**   0.07

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY00 OFF	ENL	FY01 OFF	ENL	FY02 OFF	ENL	FY03 OFF	ENL	FY04 OFF	ENL
NAMTRAGRU DET, NAS Whidbey												
	NAVY	ACDU		5		5		5		5		5
		TAR		3		3		3		3		3
		SELRES		1		1		1		1		1
		TOTAL:		9		9		9		9		9

II.B.1. ANNUAL TRAINING INPUT REQUIREMENTS

CIN, COURSE TITLE: D-646-7007, General Shipboard/NAS Weapons Department AVORD Maintenance
COURSE LENGTH: 6.2 Weeks   **TOUR LENGTH:** 36 Months
ATTRITION FACTOR: Navy: 10%   **BACKOUT FACTOR:** 0.12

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY00 OFF	CFY00 ENL	FY01 OFF	FY01 ENL	FY02 OFF	FY02 ENL	FY03 OFF	FY03 ENL	FY04 OFF	FY04 ENL
MTU 4030 NAMTRAGRU DET, NS Mayport												
	NAVY	ACDU		15		15		15		15		15
MTU 4032 NAMTRAGRU DET, NAS Norfolk												
	NAVY	ACDU		48		49		48		48		48
		SELRES		0		0		0		0		0
		TOTAL:		63		64		63		63		63

CIN, COURSE TITLE: E-646-7007, General Shipboard/NAS Weapons Department AVORD Maintenance
COURSE LENGTH: 6.2 Weeks   **TOUR LENGTH:** 36 Months
ATTRITION FACTOR: Navy: 10%   **BACKOUT FACTOR:** 0.12

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY00 OFF	CFY00 ENL	FY01 OFF	FY01 ENL	FY02 OFF	FY02 ENL	FY03 OFF	FY03 ENL	FY04 OFF	FY04 ENL
MTU 4033 NAMTRADRU DET, NAS North Island												
	NAVY	ACDU		25		24		35		24		24
		TAR		0		0		0		0		0
MTU 4035 NAMTRAGRU DET, NAS Whidbey Island												
	NAVY	ACDU		24		24		24		23		23
		TOTAL:		49		48		59		47		47

CIN, COURSE TITLE: M-646-7026, Aircraft Ordnance Technician, IMA
COURSE LENGTH: 11.4 Weeks   **TOUR LENGTH:**
ATTRITION FACTOR: USMC: 0%   **BACKOUT FACTOR:** 0.23

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY00 OFF	CFY00 ENL	FY01 OFF	FY01 ENL	FY02 OFF	FY02 ENL	FY03 OFF	FY03 ENL	FY04 OFF	FY04 ENL
VMAT 203 FREST, MCAS Cherry Point												
	USMC	USMC		227		227		227		227		227
		AR		6		6		6		6		6
		SMCR		12		12		12		12		12
		TOTAL:		245		245		245		245		245

PART III - TRAINING REQUIREMENTS

The following elements are not affected by the Consolidated Rockets and, therefore, are not included in Part III of this NTSP:

III.A.1.   Initial Training Requirements

III.A.2.   Follow-on Training

   III.A.2.b. Planned Courses

   III.A.2.c. Unique Courses

III.A.3.   Existing Training Phased Out

III.A.2. FOLLOW-ON TRAINING

III.A.2.a. EXISTING COURSES

CIN, COURSE TITLE: D-646-7001, Strike Armament Systems Intermediate Maintenance
TRAINING ACTIVITY: MTU 4032 NAMTRAGRU DET
LOCATION, UIC: NAS Norfolk, 66046

SOURCE: NAVY   **STUDENT CATEGORY:** ACDU - TAR

CFY00		FY01		FY02		FY03		FY04		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	80		80		78		78		78	ATIR
	72		72		70		70		70	Output
	13.5		13.5		13.2		13.2		13.2	AOB
	13.5		13.5		13.2		13.2		13.2	Chargeable

CIN, COURSE TITLE: E-646-7001, Strike Armament Systems Intermediate Maintenance
TRAINING ACTIVITY: MTU 4033 NAMTRADRU DET
LOCATION, UIC: NAS North Island, 66065

SOURCE: NAVY   **STUDENT CATEGORY:** ACDU - TAR

CFY00		FY01		FY02		FY03		FY04		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	74		72		80		75		75	ATIR
	67		65		72		67		67	Output
	12.5		12.2		13.5		12.7		12.7	AOB
	12.5		12.2		13.5		12.7		12.7	Chargeable

CIN, COURSE TITLE: D-646-7007, General Shipboard/NAS Weapons Department AVORD Maintenance
TRAINING ACTIVITY: MTU 4030 NAMTRAGRU DET
LOCATION, UIC: NS Mayport, 66069

SOURCE: NAVY   **STUDENT CATEGORY:** ACDU - TAR

CFY00		FY01		FY02		FY03		FY04		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	15		15		15		15		15	ATIR
	14		14		14		14		14	Output
	1.7		1.7		1.7		1.7		1.7	AOB
	1.7		1.7		1.7		1.7		1.7	Chargeable

III.A.2.a. EXISTING COURSES

TRAINING ACTIVITY: MTU 4032 NAMTRAGRU DET
LOCATION, UIC: NAS Norfolk, 66046

SOURCE: NAVY   **STUDENT CATEGORY:** ACDU - TAR

	CFY00		FY01		FY02		FY03		FY04	
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	48		49		48		48		48	ATIR
	43		44		43		43		43	Output
	5.4		5.5		5.4		5.4		5.4	AOB
	5.4		5.5		5.4		5.4		5.4	Chargeable

CIN, COURSE TITLE: E-646-7007, General Shipboard/NAS Weapons Department AVORD Maintenance
TRAINING ACTIVITY: MTU 4033 NAMTRADRU DET
LOCATION, UIC: NAS North Island, 66065

SOURCE: NAVY   **STUDENT CATEGORY:** ACDU - TAR

	CFY00		FY01		FY02		FY03		FY04	
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	25		24		35		24		24	ATIR
	23		22		32		22		22	Output
	2.8		2.7		3.9		2.6		2.6	AOB
	2.8		2.7		3.9		2.6		2.6	Chargeable

TRAINING ACTIVITY: MTU 4035 NAMTRAGRU DET
LOCATION, UIC: NAS Whidbey Island, 66058

SOURCE: NAVY   **STUDENT CATEGORY:** ACDU - TAR

	CFY00		FY01		FY02		FY03		FY04	
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	24		24		24		23		23	ATIR
	22		22		22		21		21	Output
	2.7		2.7		2.7		2.6		2.6	AOB
	2.7		2.7		2.7		2.6		2.6	Chargeable

III.A.2.a. EXISTING COURSES

CIN, COURSE TITLE: M-646-7026, Aircraft Ordnance Technician, IMA
TRAINING ACTIVITY: VMAT 203 FREST
LOCATION, UIC: MCAS Cherry Point, 45483

SOURCE: USMC   **STUDENT CATEGORY:** USMC - AR

CFY00		FY01		FY02		FY03		FY04		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	233		233		233		233		233	ATIR
	233		233		233		233		233	Output
	50.4		50.4		50.4		50.4		50.4	AOB
	50.4		50.4		50.4		50.4		50.4	Chargeable

SOURCE: USMC   **STUDENT CATEGORY:** SMCR

CFY00		FY01		FY02		FY03		FY04		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	12		12		12		12		12	ATIR
	12		12		12		12		12	Output
	2.6		2.6		2.6		2.6		2.6	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

PART IV - TRAINING LOGISTICS SUPPORT REQUIREMENTS

The Following elements are not affected by the Consolidated Rockets and, therefore, are not included in this NTSP.

IV.A. Training Hardware

   IV.A.2.   Training Devices

IV.B. Courseware Requirements

   IV.B.1   Training Services

IV.C. Facility Requirements

   IV.C.1   Facility Requirements Summary (Space/Support) by Activity

   IV.C.2   Facility Requirements Detailed by Activity by Course

   IV.C.3   Facility Project Summary by Program

Note: This section has been tailored to show only the training equipment that is used to teach Consolidated Rockets.

PART IV - TRAINING LOGISTICS SUPPORT REQUIREMENTS

IV.A. TRAINING HARDWARE

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

CIN, COURSE TITLE: C-646-3118, Strike Armament Equipment Intermediate Maintenance Repair (Track D-646-7001)
TRAINING ACTIVITY: MTU 4032 NAMTRAGRU DET
LOCATION, UIC: Norfolk, 66046

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
0362	Rocket Launcher, 356AS100-1	1	May 98	GFE	Onboard
0363	Rocket Launcher, 4902292	1	May 98	GFE	Onboard
SPTE					
0241	Small Cleaning Rod, 8766012	1	May 98	GFE	Onboard
0242	Bore 20 Millimeter Cleaning Small Arms Brush, 7225087	2	May 98	GFE	Onboard
0257	Brush Section Assembly, 8766014	1	May 98	GFE	Onboard
0299	Test Adapter W21, 3260AS701-1	3	May 98	GFE	Onboard
0403	Adapter Cable Set, A51S24590-1	1	May 98	GFE	Onboard
0408	Hoisting Adapter, 216-01328-1	1	May 98	GFE	Onboard

CIN, COURSE TITLE: C-646-3118, Strike Armament Equipment Intermediate Maintenance Repair (Track E-646-7001)
TRAINING ACTIVITY: MTU 4033 NAMTRADRU DET
LOCATION, UIC: North Island, 66065

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
0362	Rocket Launcher, 356AS100-1	1	May 98	GFE	Onboard
0363	Rocket Launcher, 4902292	1	May 98	GFE	Onboard
SPTE					
0241	Small Cleaning Rod, 8766012	1	May 98	GFE	Onboard
0242	Bore 20 Millimeter Cleaning Small Arms Brush, 7225087	2	May 98	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

0257	Brush Section Assembly, 8766014	1	May 98	GFE	Onboard
0299	Test Adapter W21, 3260AS701-1	3	May 98	GFE	Onboard
0403	Adapter Cable Set, A51S24590-1	1	May 98	GFE	Onboard
0408	Hoisting Adapter, 216-01328-1	1	May 98	GFE	Onboard

CIN, COURSE TITLE: C-646-4108, Air Launched Weapons Ordnance Supervisor Course (Track D-646-7007)
TRAINING ACTIVITY: MTU 4030 NAMTRAGRU DET
LOCATION, UIC: Mayport, 66069

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
0026	Rocket Motor 5 inch Inert, DL31AS217	4	Oct 97	GFE	Onboard
0029	Fuze Rocket MK-93, 1340-J329	4	Oct 97	GFE	Onboard
0038	Barrier Assembly Thermal Shield F/LAU-68, 958AS173	1	Oct 97	GFE	Onboard
0041	Launcher LAU-68, 356AS100-1	1	Oct 97	GFE	Onboard
0043	Rocket Motor 2.75 MK-66, 1340-J147	8	Oct 97	GFE	Onboard
0044	Rocket Motor MK-4, 1340-H488	8	Oct 97	GFE	Onboard
0045	Fuze Rocket MK-353-2 F/2.75, 1340-J344	14	Oct 97	GFE	Onboard
0046	5 inch Rocket Fin Restrain Band, 318C143	5	Oct 97	GFE	Onboard
0065	Rocket Motor 2.75, MK-2 Practice, 656708-1	6	Oct 97	GFE	Onboard
0068	Shield Thermal F/LAU-10, 4902346	1	Oct 97	GFE	Onboard
0070	Barrier Radiation Hazard F/LAU-68, 67A28D308	1	Oct 97	GFE	Onboard
0072	5 inch Fin Restraining Band, 318C143	5	Oct 97	GFE	Onboard

CIN, COURSE TITLE: C-646-4108, Air Launched Weapons Ordnance Supervisor Course (Track D-646-7007)
TRAINING ACTIVITY: MTU 4032 NAMTRAGRU DET
LOCATION, UIC: Norfolk, 66046

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
0026	Rocket Motor 5 inch Inert, DL31AS217	4	Oct 97	GFE	Onboard
0029	Fuze Rocket MK-93, 1340-J329	4	Oct 97	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

0038	Barrier Assembly Thermal Shield F/LAU-68, 958AS173	1	Oct 97	GFE	Onboard
0041	Launcher LAU-68, 356AS100-1	1	Oct 97	GFE	Onboard
0043	Rocket Motor 2.75 MK-66, 1340-J147	8	Oct 97	GFE	Onboard
0044	Rocket Motor MK-4, 1340-H488	8	Oct 97	GFE	Onboard
0045	Fuze Rocket MK-353-2 F/2.75, 1340-J344	14	Oct 97	GFE	Onboard
0046	5 inch Rocket Fin Restrain Band, 318C143	5	Oct 97	GFE	Onboard
0065	Rocket Motor 2.75, MK-2 Practice, 656708-1	6	Oct 97	GFE	Onboard
0068	Shield Thermal F/LAU-10, 4902346	1	Oct 97	GFE	Onboard
0070	Barrier Radiation Hazard F/LAU-68, 67A28D308	1	Oct 97	GFE	Onboard
0072	5 inch Fin Restraining Band, 318C143	5	Oct 97	GFE	Onboard

CIN, COURSE TITLE: C-646-4108, Air Launched Weapons Ordnance Supervisor Course (Track D-646-7007)
TRAINING ACTIVITY: MTU 4033 NAMTRADRU DET
LOCATION, UIC: North Island, 66065

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
0026	Rocket Motor 5 inch Inert, DL31AS217	4	Oct 97	GFE	Onboard
0029	Fuze Rocket MK-93, 1340-J329	4	Oct 97	GFE	Onboard
0038	Barrier Assembly Thermal Shield F/LAU-68, 958AS173	1	Oct 97	GFE	Onboard
0041	Launcher LAU-68, 356AS100-1	1	Oct 97	GFE	Onboard
0043	Rocket Motor 2.75 MK-66, 1340-J147	8	Oct 97	GFE	Onboard
0044	Rocket Motor MK-4, 1340-H488	8	Oct 97	GFE	Onboard
0045	Fuze Rocket MK-353-2 F/2.75, 1340-J344	14	Oct 97	GFE	Onboard
0046	5 inch Rocket Fin Restrain Band, 318C143	5	Oct 97	GFE	Onboard
0065	Rocket Motor 2.75, MK-2 Practice, 656708-1	6	Oct 97	GFE	Onboard
0068	Shield Thermal F/LAU-10, 4902346	1	Oct 97	GFE	Onboard
0070	Barrier Radiation Hazard F/LAU-68, 67A28D308	1	Oct 97	GFE	Onboard
0072	5 inch Fin Restraining Band, 318C143	5	Oct 97	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

CIN, COURSE TITLE: C-646-4108, Air Launched Weapons Ordnance Supervisor Course (Track D-646-7007)
TRAINING ACTIVITY: MTU 4035 NAMTRAGRU DET
LOCATION, UIC: Whidbey Island, 66058

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
0026	Rocket Motor 5 inch Inert, DL31AS217	4	Jul 99	GFE	Onboard
0029	Fuze Rocket MK-93, 1340-J329	4	Jul 99	GFE	Onboard
0038	Barrier Assembly Thermal Shield F/LAU-68, 958AS173	1	Jul 99	GFE	Onboard
0041	Launcher LAU-68, 356AS100-1	1	Jul 99	GFE	Onboard
0043	Rocket Motor 2.75 MK-66, 1340-J147	8	Jul 99	GFE	Onboard
0044	Rocket Motor MK-4, 1340-H488	8	Jul 99	GFE	Onboard
0045	Fuze Rocket MK-353-2 F/2.75, 1340-J344	14	Jul 99	GFE	Onboard
0046	5 inch Rocket Fin Restrain Band, 318C143	5	Jul 99	GFE	Onboard
0065	Rocket Motor 2.75, MK-2 Practice, 656708-1	6	Jul 99	GFE	Onboard
0068	Shield Thermal F/LAU-10, 4902346	1	Jul 99	GFE	Onboard
0070	Barrier Radiation Hazard F/LAU-68, 67A28D308	1	Jul 99	GFE	Onboard
0072	5 inch Fin Restraining Band, 318C143	5	Jul 99	GFE	Onboard

CIN, COURSE TITLE: C-646-3105, Aviation Ordnance Intermediate Maintenance Technician (Track M-646-7026)
TRAINING ACTIVITY: VMAT 203 FREST
LOCATION, UIC: MCAS Cherry Point, 45483

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
0185	Launcher LAU-61C/A, H121	2	Oct 97	GFE	Onboard
0186	Launcher LAU-68D/A, H122	2	Oct 97	GFE	Onboard
0187	Launcher LAU-10D/A, H142	2	Oct 97	GFE	Onboard
0188	Inert Rocket Motor MK 66 MOD 2, H308	52	Oct 97	GFE	Onboard
0189	Inert 2.75 Inch Warhead, H663	52	Oct 97	GFE	Onboard
0190	Inert 5.00 Inch Warhead, H886	8	Oct 97	GFE	Onboard
0197	2.75 Inch Illumination Warhead, H812	4	Oct 97	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

0198	5.00 Inch Warhead Fuze MK 188 F, J345	8	Oct 97	GFE	Onboard

SPTE

0249	Holding Fixture, 114C3004	2	Oct 97	GFE	Onboard
0250	Mechanical Puller, GGGP00781	2	Oct 97	GFE	Onboard
0257	Brush Section Assembly, 8766014	2	Oct 97	GFE	Onboard
0259	Torque Wrench 0-100 Inch Pounds, 1556707	2	Oct 97	GFE	Onboard
0274	MK III Rocket Launcher Tester, 11554090-2	2	Oct 97	GFE	Onboard
0299	Test Adapter W21, 3260AS701-1	4	Oct 97	GFE	Onboard

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

CIN, COURSE TITLE: C-646-3118, Strike Armament Equipment Intermediate Maintenance Repair (Track D-646-7001)
TRAINING ACTIVITY: MTU 4032 NAMTRAGRU DET
LOCATION, UIC: Norfolk, 66046

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Instructor Guides	2	May 98	Onboard
Screen Projector, 4H1A	2	May 98	Onboard
Still Picture, Overhead, 1BC7	2	May 98	Onboard
Student Guides	8	May 98	Onboard
TV Color Monitor 4D6	1	May 98	Onboard

CIN, COURSE TITLE: C-646-3118, Strike Armament Equipment Intermediate Maintenance Repair (Track E-646-7001)
TRAINING ACTIVITY: MTU 4033 NAMTRADRU DET
LOCATION, UIC: North Island, 66065

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Instructor Guides	2	May 98	Onboard
Screen Projector, 4H1A	2	May 98	Onboard
Still Picture, Overhead, 1BC7	2	May 98	Onboard
Student Guides	8	May 98	Onboard
TV Color Monitor 4D6	1	May 98	Onboard

CIN, COURSE TITLE: C-646-4108, Air Launched Weapons Ordnance Supervisor Course (Track D-646-7007)
TRAINING ACTIVITY: MTU 4030 NAMTRAGRU DET
LOCATION, UIC: Mayport, 66069

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Instructor Guides	2	Oct 97	Onboard
Still Picture, Overhead, 1BC7	1	Oct 97	Onboard
Student Guides	8	Oct 97	Onboard
Transparencies (145 in a set)	1	Oct 97	Onboard
Video Cassette Player, 4D3E	1	Oct 97	Onboard
Video Monitor Receiver, 4D10C	1	Oct 97	Onboard
Video Tapes (8)	8	Oct 97	Onboard

CIN, COURSE TITLE: C-646-4108, Air Launched Weapons Ordnance Supervisor Course (Track D-646-7007)
TRAINING ACTIVITY: MTU 4032 NAMTRAGRU DET
LOCATION, UIC: Norfolk, 66046

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Instructor Guides	2	Oct 97	Onboard
Still Picture, Overhead, 1BC7	1	Oct 97	Onboard
Student Guides	8	Oct 97	Onboard
Transparencies (145 in a set)	1	Oct 97	Onboard
Video Cassette Player, 4D3E	1	Oct 97	Onboard
Video Monitor Receiver, 4D10C	1	Oct 97	Onboard
Video Tapes (8)	8	Oct 97	Onboard

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

CIN, COURSE TITLE: C-646-4108, Air Launched Weapons Ordnance Supervisor Course (Track D-646-7007)
TRAINING ACTIVITY: MTU 4033 NAMTRADRU DET
LOCATION, UIC: North Island, 66065

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Instructor Guides	2	Oct 97	Onboard
Screen Projector, 4H1A	1	Oct 97	Onboard
Still Picture, Overhead, 1BC7	1	Oct 97	Onboard
Student Guides	8	Oct 97	Onboard
Transparencies (145 in a set)	1	Oct 97	Onboard
Video Cassette Player, 4D3E	1	Oct 97	Onboard
Video Monitor Receiver, 4D10C	1	Oct 97	Onboard
Video Tapes (8)	8	Oct 97	Onboard

CIN, COURSE TITLE: C-646-4108, Air Launched Weapons Ordnance Supervisor Course (Track D-646-7007)
TRAINING ACTIVITY: MTU 4035 NAMTRAGRU DET
LOCATION, UIC: Whidbey Island, 66058

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Instructor Guides	2	Jul 99	Onboard
Still Picture, Overhead, 1BC7	1	Jul 99	Onboard
Student Guides	8	Jul 99	Onboard
Transparencies (145 in a set)	1	Jul 99	Onboard
Video Cassette Player, 4D3E	1	Jul 99	Onboard
Video Monitor Receiver, 4D10C	1	Jul 99	Onboard
Video Tapes (8)	5	Jul 99	Onboard

CIN, COURSE TITLE: C-646-3105, Aviation Ordnance Intermediate Maintenance Technician (Track M-646-7026)
TRAINING ACTIVITY: VMAT 203 FREST
LOCATION, UIC: MCAS Cherry Point, 45483

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Instructor Guides	2	Oct 97	Onboard
Projector, Overhead, 4A8D	6	Oct 97	Onboard
Student Guides	8	Oct 97	Onboard

IV.B.3. TECHNICAL MANUALS

CIN, COURSE TITLE: C-646-3118, Strike Armament Equipment Intermediate Maintenance Repair (Track D-646-7001)
TRAINING ACTIVITY: MTU 4032 NAMTRAGRU DET
LOCATION, UIC: Norfolk, 66046

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
A1-F18AA-WUC-800 F/A-18 Aircraft Work Unit Code Manual	Hard copy	9	May 98	Onboard
AG-000AC-GSE-000 Support Equipment Miscellaneous Peculiar, Organizational and Intermediate Maintenance with IPB	Hard copy	9	May 98	Onboard
ASO Field Instruction 4440.93 Quarterly Inventory Reporting of Aircraft Armament Equipment Series Items	Hard copy	9	May 98	Onboard
COMNAVAIRLANTINST 8382.4 Armament Equipment Pool	Hard copy	9	May 98	Onboard
COMNAVAIRPACINST 8382.3 Aircraft Armament Pool Program	Hard copy	9	May 98	Onboard
M-0000-00-IDX-000/TMINS Naval Material Command Application Guide and Index for Technical Manual Identification Numbering System (TMINS)	Hard copy	9	May 98	Onboard
MIL-STD-461 Electromatic Shielding Requirements	Hard copy	9	May 98	Onboard
MIL-STD-726F Packaging Requirements Codes	Hard copy	9	May 98	Onboard
NA 00-25-100 Naval Air Systems command Technical Manual Program	Hard copy	9	May 98	Onboard
NA 00-25-300 Naval Air Systems Command Technical Directives System	Hard copy	9	May 98	Onboard
NA 01-1A-509 Aircraft Weapons System Cleaning and Corrosion Control	Hard copy	9	May 98	Onboard
NA 01-1A-8 Structural Hardware	Hard copy	9	May 98	Onboard
NA 01-F14AAA-8 F-14 Aircraft Work Unit Code Manual	Hard copy	9	May 98	Onboard
NA 02-1-19 General Installation of Heli-Coil Inserts	Hard copy	9	May 98	Onboard

IV.B.3. TECHNICAL MANUALS

NA 11-10C-20 Rack, Ejector Bomb Model BRU-10/A and BRU-11/A Organizational, Intermediate, and Depot Maintenance with IPB	Hard copy	9	May 98	Onboard
NA 11-75A-61 2.75 Inch Airborne Rocket Launchers (LAU-61A/A, LAU-61B/A, LAU-61C/A, LAU-68B/A, and LAU-68D/A)	Hard copy	9	May 98	Onboard
NA 11-75A-63 5.00 Inch Airborne Rocket Launchers LAU-10 Series	Hard copy	9	May 98	Onboard
NA 11-75A-64 Weapons Umbilical Bridge Intermediate Maintenance with IPB	Hard copy	9	May 98	Onboard
NA 11-75A-66 Weapons Rail Intermediate Maintenance	Hard copy	9	May 98	Onboard
NA 11-75GA-2 Adapter Mechanism BRU-10/A Intermediate Maintenance with IPB	Hard copy	9	May 98	Onboard
NA 11-95-17 Aircraft Adapter Assembly Maintenance Instruction with IPB	Hard copy	9	May 98	Onboard
NA 16-30AWM90-1 Guided Missile Launcher Test Set AN/AWM-90 Intermediate Maintenance with IPB	Hard copy	9	May 98	Onboard
NA 16-30AWM94-1 Bomb Rack Test Set AN/AWM-94 Intermediate Maintenance with IPB	Hard copy	9	May 98	Onboard
NA 17-1-108 Torque Tools, Use, Care, and Testing Instructions	Hard copy	9	May 98	Onboard
NA 17-15MDA-13 Firing Circuit Tester TTK-242C/A37B Test Set Operation and Intermediate Maintenance with IPB	Hard copy	9	May 98	Onboard
NAVSUP 2002 Navy Stock List of Publication and Forms	Hard copy	9	May 98	Onboard
NAVSUP 4423.14 Uniform Source, Maintenance, and Recovery Codes	Hard copy	9	May 98	Onboard
OPNAVINST 4790.2 Naval Aviation Maintenance Program	Hard copy	9	May 98	Onboard
OPNAVINST 8380.1 series Aircraft Armament Equipment Planning Factors and Related Procurement Objectives	Hard copy	9	May 98	Onboard

IV.B.3. TECHNICAL MANUALS

CIN, COURSE TITLE: C-646-4108, Air Launched Weapons Ordnance Supervisor Course (Track D-646-7007)
TRAINING ACTIVITY: MTU 4030 NAMTRAGRU DET
LOCATION, UIC: Mayport, 66069

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NA 00-25-100 Naval Air Systems Command Technical Manual Program	Hard copy	1	Oct 97	Onboard
NA 00-80T-105 Carrier Naval Air Training and Operating Procedures Standardization Manual (CV/NATOPS)	Hard copy	8	Oct 97	Onboard
NA 11-1-11b/TWO10-AA-ORD-0 Navy Ammunition Logistics Code	Hard copy	8	Oct 97	Onboard
NA 11-120A-1.2 Airborne Weapons Packaging/Handling/Stowage (Shipboard) Volume II	Hard copy	1	Oct 97	Onboard
NA 19-100-2 Airborne Weapons Handling Equipment (Shipboard)	Hard copy	1	Oct 97	Onboard
NAVSEA OP 1014 Ordnance Safety Precautions	Hard copy	1	Oct 97	Onboard
NAVSEA OP 3347 United States Navy Ordnance Safety Precautions	Hard copy	8	Oct 97	Onboard
NAVSEA OP 3565 Volume I Electromagnetic Radiation Hazards (Hazards to personnel, fuel and other flammable material)	Hard copy	1	Oct 97	Onboard
NAVSEA OP 3565 Volume II Electromagnetic Radiation Hazards (to Ordnance)	Hard copy	8	Oct 97	Onboard
NAVSEA OP 4 Ammunition Afloat	Hard copy	8	Oct 97	Onboard
NAVSEA OP 5 Volume I Ammunition and Explosives Ashore Safety Regulations for Handling, Storing, Production, and Shipping	Hard copy	8	Oct 97	Onboard
NAVSEA OP 5 Volume III Ammunition and Explosives Ashore Advanced Bases	Hard copy	8	Oct 97	Onboard
NWP 14 Replenishment at Sea	Hard copy	8	Oct 97	Onboard

IV.B.3. TECHNICAL MANUALS

OPNAVINST 4790.2 Naval Aviation Maintenance Program	Hard copy	8	Oct 97	Onboard
OPNAVINST 8623.2 Series Conventional Ammunition Qualification/Certification Program	Hard copy	8	Oct 97	Onboard
OPNAVINST 8600.2 Series Naval Airborne Weapons Maintenance Program (NAWMP)	Hard copy	8	Oct 97	Onboard

CIN, COURSE TITLE: C-646-4108, Air Launched Weapons Ordnance Supervisor Course (Track D-646-7007))
TRAINING ACTIVITY: MTU 4032 NAMTRAGRU DET
LOCATION, UIC: Norfolk, 66046

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NA 00-25-100 Naval Air Systems Command Technical Manual Program	Hard copy	1	Oct 97	Onboard
NA 00-80T-105 Carrier Naval Air Training and Operating Procedures Standardization Manual (CV/NATOPS)	Hard copy	8	Oct 97	Onboard
NA 11-1-11b/TWO10-AA-ORD-0 Navy Ammunition Logistics Code	Hard copy	8	Oct 97	Onboard
NA 11-120A-1.2 Airborne Weapons Packaging/Handling/Stowage (Shipboard) Volume II	Hard copy	1	Oct 97	Onboard
NA 19-100-2 Airborne Weapons Handling Equipment (Shipboard)	Hard copy	1	Oct 97	Onboard
NAVSEA OP 1014 Ordnance Safety Precautions	Hard copy	1	Oct 97	Onboard
NAVSEA OP 3347 United States Navy Ordnance Safety Precautions	Hard copy	8	Oct 97	Onboard
NAVSEA OP 3565 Volume I Electromagnetic Radiation Hazards (Hazards to personnel, fuel and other flammable material)	Hard copy	1	Oct 97	Onboard
NAVSEA OP 3565 Volume II Electromagnetic Radiation Hazards (to Ordnance)	Hard copy	8	Oct 97	Onboard
NAVSEA OP 4 Ammunition Afloat	Hard copy	8	Oct 97	Onboard

IV.B.3. TECHNICAL MANUALS

NAVSEA OP 5 Volume I Ammunition and Explosives Ashore Safety Regulations for Handling, Storing, Production, and Shipping	Hard copy	8	Oct 97	Onboard
NAVSEA OP 5 Volume III Ammunition and Explosives Ashore Advanced Bases	Hard copy	8	Oct 97	Onboard
NWP 14 Replenishment at Sea	Hard copy	8	Oct 97	Onboard
OPNAVINST 4790.2 Naval Aviation Maintenance Program	Hard copy	8	Oct 97	Onboard
OPNAVINST 8623.2 Series Conventional Ammunition Qualification/Certification Program	Hard copy	8	Oct 97	Onboard
OPNAVINST 8600.2 Series Naval Airborne Weapons Maintenance Program (NAWMP)	Hard copy	8	Oct 97	Onboard

CIN, COURSE TITLE: C-646-4108, Air Launched Weapons Ordnance Supervisor Course (Track D-646-7007)
TRAINING ACTIVITY: MTU 4033 NAMTRADRU DET
LOCATION, UIC: North Island, 66065

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NA 00-25-100 Naval Air Systems Command Technical Manual Program	Hard copy	1	Oct 97	Onboard
NA 00-80T-105 Carrier Naval Air Training and Operating Procedures Standardization Manual (CV/NATOPS)	Hard copy	8	Oct 97	Onboard
NA 11-1-11b/TWO10-AA-ORD-0 Navy Ammunition Logistics Code	Hard copy	8	Oct 97	Onboard
NA 11-120A-1.2 Airborne Weapons Packaging/Handling/Stowage (Shipboard) Volume II	Hard copy	1	Oct 97	Onboard
NA 19-100-2 Airborne Weapons Handling Equipment (Shipboard)	Hard copy	1	Oct 97	Onboard
NAVSEA OP 1014 Ordnance Safety Precautions	Hard copy	1	Oct 97	Onboard
NAVSEA OP 3347 United States Navy Ordnance Safety Precautions	Hard copy	8	Oct 97	Onboard

IV.B.3. TECHNICAL MANUALS

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NAVSEA OP 3565 Volume I Electromagnetic Radiation Hazards (Hazards to personnel, fuel and other flammable material)	Hard copy	1	Oct 97	Onboard
NAVSEA OP 3565 Volume II Electromagnetic Radiation Hazards (to Ordnance)	Hard copy	8	Oct 97	Onboard
NAVSEA OP 4 Ammunition Afloat	Hard copy	8	Oct 97	Onboard
NAVSEA OP 5 Volume I Ammunition and Explosives Ashore Safety Regulations for Handling, Storing, Production, and Shipping	Hard copy	8	Oct 97	Onboard
NAVSEA OP 5 Volume III Ammunition and Explosives Ashore Advanced Bases	Hard copy	8	Oct 97	Onboard
NWP 14 Replenishment at Sea	Hard copy	8	Oct 97	Onboard
OPNAVINST 4790.2 Naval Aviation Maintenance Program	Hard copy	8	Oct 97	Onboard
OPNAVINST 8623.2 Series Conventional Ammunition Qualification/Certification Program	Hard copy	8	Oct 97	Onboard
OPNAVINST 8600.2 Series Naval Airborne Weapons Maintenance Program (NAWMP)	Hard copy	8	Oct 97	Onboard

CIN, COURSE TITLE: C-646-4108, Air Launched Weapons Ordnance Supervisor Course (Track D-646-7007)
TRAINING ACTIVITY: MTU 4035 NAMTRAGRU DET
LOCATION, UIC: Whidbey Island, 66058

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NA 00-25-100 Naval Air Systems Command Technical Manual Program	Hard copy	1	Oct 97	Onboard
NA 00-80T-105 Carrier Naval Air Training and Operating Procedures Standardization Manual (CV/NATOPS)	Hard copy	8	Oct 97	Onboard
NA 11-1-11b/TWO10-AA-ORD-0 Navy Ammunition Logistics Code	Hard copy	8	Oct 97	Onboard
NA 11-120A-1.2 Airborne Weapons Packaging/Handling/Stowage (Shipboard) Volume II	Hard copy	1	Oct 97	Onboard

IV.B.3. TECHNICAL MANUALS

NA 19-100-2 Airborne Weapons Handling Equipment (Shipboard)	Hard copy	1	Oct 97	Onboard
NAVSEA OP 1014 Ordnance Safety Precautions	Hard copy	1	Oct 97	Onboard
NAVSEA OP 3347 United States Navy Ordnance Safety Precautions	Hard copy	8	Oct 97	Onboard
NAVSEA OP 3565 Volume I Electromagnetic Radiation Hazards (Hazards to personnel, fuel and other flammable material)	Hard copy	1	Oct 97	Onboard
NAVSEA OP 3565 Volume II Electromagnetic Radiation Hazards (to Ordnance)	Hard copy	8	Oct 97	Onboard
NAVSEA OP 4 Ammunition Afloat	Hard copy	8	Oct 97	Onboard
NAVSEA OP 5 Volume I Ammunition and Explosives Ashore Safety Regulations for Handling, Storing, Production, and Shipping	Hard copy	8	Oct 97	Onboard
NAVSEA OP 5 Volume III Ammunition and Explosives Ashore Advanced Bases	Hard copy	8	Oct 97	Onboard
NWP 14 Replenishment at Sea	Hard copy	8	Oct 97	Onboard
OPNAVINST 4790.2 Naval Aviation Maintenance Program	Hard copy	8	Oct 97	Onboard
OPNAVINST 8623.2 Series Conventional Ammunition Qualification/Certification Program	Hard copy	8	Oct 97	Onboard
OPNAVINST 8600.2 Series Naval Airborne Weapons Maintenance Program (NAWMP)	Hard copy	8	Oct 97	Onboard

CIN, COURSE TITLE: C-646-3105, Aviation Ordnance Intermediate Maintenance Technician (Track M-646-7026)
TRAINING ACTIVITY: VMAT 203 FREST
LOCATION, UIC: MCAS Cherry Point, 45483

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
A1-AV8BB-WUC-800 AV-8B Aircraft Work Unit Code Manual	Hard copy	8	Oct 97	Onboard
AG-000A0-MEB-000 Expeditionary Airfield Tactical Weapons Support Equipment	Hard copy	8	Oct 97	Onboard

IV.B.3. TECHNICAL MANUALS

MCO 8023.3 Handling, Qualification and Certification Program for Class V Munitions and Explosives	Hard copy	8	Oct 97	Onboard
NA 00-25-100 Naval Air Systems command Technical Manual Program	Hard copy	8	Oct 97	Onboard
NA 00-25-300 Naval Air Systems Command Technical Directives System	Hard copy	8	Oct 97	Onboard
NA 00-80T-103 NATOPS Conventional Weapons Handling Procedures (Ashore)	Hard copy	8	Oct 97	Onboard
NA 11-140-24 Airborne Weapons Support Equipment Description and Characteristics	Hard copy	8	Oct 97	Onboard
NA 11-140-25 Armament Weapons Support Equipment Configuration Manual	Hard copy	8	Oct 97	Onboard
NA 11-1F-2 Airborne Bomb and Rocket Fuzes Descriptions and Characteristics Manual	Hard copy	8	Oct 97	Onboard
NA 11-75A-61 2.75 Inch Airborne Rocket Launchers (LAU-61A/A, LAU-61B/A, LAU-61C/A, LAU-68B/A, and LAU-68D/A)	Hard copy	8	Oct 97	Onboard
NA 11-85-1 Aircrew Escape Propulsion Systems (AEPS) Devices	Hard copy	8	Oct 97	Onboard
NA 11-85-5 Airborne Rockets Description, Safety, Service, and Handling Instructions	Hard copy	8	Oct 97	Onboard
NA 11-95M197-1 Maintenance Instruction with IPB, Organizational and Depot Levels, M197 20 Millimeter Automatic Gun	Hard copy	8	Oct 97	Onboard
NA 19-1-86 Expeditionary Airfield (EAF) Weapon Ready Service Shelter and Handling System A/E-99K-1	Hard copy	8	Oct 97	Onboard
NAVSEA OP 1014 Ordnance Safety Precautions	Hard copy	8	Oct 97	Onboard
NAVSEA OP 3347 United States Navy Ordnance Safety Precautions	Hard copy	8	Oct 97	Onboard

IV.B.3. TECHNICAL MANUALS

NAVSEA OP 3565 Volume II Electromagnetic Radiation Hazards (to Ordnance)	Hard copy	8	Oct 97	Onboard
NAVSEA OP 5 Volume I Ammunition and Explosives Ashore Safety Regulations for Handling, Storing, Production, and Shipping	Hard copy	8	Oct 97	Onboard
OPNAVINST 4790.2 Naval Aviation Maintenance Program	Hard copy	8	Oct 97	Onboard
OPNAVINST 5530.13 Department of the Navy Physical Security Instruction for Conventional Arms, Ammunition, and Explosives (AA&E)	Hard copy	8	Oct 97	Onboard
OPNAVINST 8600.2 Naval Airborne Weapons Maintenance Program	Hard copy	8	Oct 97	Onboard
SW050-AB-MMA-010 Pyrotechnic, Screening, Marking, and Countermeasures Devices	Hard copy	8	Oct 97	Onboard

PART V - MPT MILESTONES

COG CODE	MPT MILESTONES	DATE	STATUS
PDA	Began analysis of MPT requirements		Completed
DCNO/DMSO/CMS SPONSOR	Programmed manpower and training resource requirements		Completed
PDA	Fleet Introduction		Completed
TSA	Began Initial Training		Completed
TA	Began Follow-on Training		Completed
TSA	Delivered Technical Training Equipment		Completed
TSA	Delivered Curricula Materials		Completed
PDA	Conducted OT of the Mk 66 Mod 4 Rocket Motor	Nov 85	Completed
PMA205	Developed Draft NTSP	Aug 97	Completed
PDA	Began initial production of the improved Mk 66 Mod 4 Rocket Motor	Sep 97	Completed
PDA	Promulgated Draft NTSP for Review	Jun 98	Completed
PDA	Began full rate production of the improved Mk 66 Mod 4 Rocket Motor	Dec 99	Completed
PMA205	Submit Proposed NTSP to OPNAV	Mar 00	Completed

PART VI - DECISION ITEMS/ACTION REQUIRED

DECISION ITEM OR ACTION REQUIRED	COMMAND ACTION	DUE DATE	STATUS

No Decisions Items or Actions Pending

PART VII - POINTS OF CONTACT

NAME/FUNCTION/ACTIVITY/CODE/INTERNET EMAIL	TELEPHONE NUMBERS	

MAJ Charles Kelly
OPO Program / Resource Sponsor
CNO, N880D5
kelly.charles@hq.navy.mil

COMM: (703) 614-2760
DSN: 224-2760
FAX: (703) 693-9553

CAPT Mike Bachmann
Head Aviation Maintenance Program Branch
CNO, N881
bachmann.micheal@hq.navy.mil

COMM: (703) 604-7750
DSN: 664-7750
FAX: (703) 604-6972

CAPT Thomas Vandenberg
Aviation Technical Training
CNO, N889H
vandeburg.thomas@hq.navy.mil

COMM: (703) 604-7730
DSN: 664-7730
FAX: (703) 604-6969

LCDR Mike Belcher
NTSP Manager
CNO, N889H1
belcher.michael@hq.navy.mil

COMM: (703) 604-7765
DSN: 664-7765
FAX: (703) 604-6939

LCDR Gary Swain
Aviation Manpower
CNO, N122C1
n122c1@persnet.navy.mil

COMM: (703) 695-3247
DSN: 225-3247
FAX: (703) 614-5308

Mr. Robert Zweibel
Training Technology Policy
CNO, N75K
zweilbel.robert@hq.navy.mil

COMM: (703) 614-1344
DSN: 224-1344
FAX: (703) 695-5698

COL Dennis Bartels
Branch Head, Marine Corps Manpower
CMC HQ, ASM-1
bartelsdt@hqmc.usmc.mil

COMM: (703) 614-1244
DSN: 224-1244
FAX: (703) 614-1309

MAJ Sean Blockberger
Manpower Integration
CMC, ASM-51
blockbergers@hqi.usmc.mil

COMM: (703) 614-1556
DSN: 224--1556
FAX: (703) 614-1309

MAJ Jamie Cox
Marine Aviation Weapons Requirements Officer
CMC HQ, ASL-30
cox.jamie@hq.navy.mil

COMM: (703) 614-1133
DSN: 224--1133
FAX: (703) 697-7343

CAPT Robert Russel
Program Manager
NAVAIRSYSCOM, PMA242
russelrw@navair.navy.mil

COMM: (301) 757-7422
DSN: 757-7422
FAX: (301) 757-7418

NAME/FUNCTION/ACTIVITY/CODE/INTERNET EMAIL	TELEPHONE NUMBERS

MAJ Shawn Burke
Program Manager, USMC
NAVAIRSYSCOM, PMA242-3
burkesj@navair.navy.mil

COMM: (301) 757-7398
DSN: 757-7398
FAX: (301) 757-7418

Mr. Robert Keiser
Deputy Program Manager
NAVAIRSYSCOM, PMA242-33
keiserrw@navair.navy.mil

COMM: (301) 757-7397
DSN: 757-7397
FAX: (301) 757-7418

AOC Clayton Smeal
Training System Program Manager
NAVAIRSYSCOM, PMA205-3H1
smealcc@navair.navy.mil

COMM: (301) 757-8100
DSN: 757-8100
FAX: (301) 757-6941

CDR Robin Mason
Aviation NTSP Manager
CINCLANTFLT, N-721
masonrf@clf.navy.mil

COMM: (757) 836-0101
DSN: 826-0101
FAX: (757) 836-0141

Mr. Bob Long
Deputy Director of Training
CINCPACFLT, N-321
u70@cpf.navy.mil

COMM: (808) 474-8513
DSN: 474--8513
FAX: (808) 471-8596

LCDR Johnny King
Weapons Officer
CINCPACFLT, N-321
kingjc@cnrf.nola.navy.mil

COMM: (504) 678-6846
DSN: 678-6846
FAX: (504) 678-1442

CAPT Patricia Huiatt
Deputy Assistant, Chief of Naval Personnel for Distribution
NAVPERSCOM, PERS-4B,
4b@persnet.navy.mil

COMM: (901) 874-3529
DSN: 882-3529
FAX: (901) 874-2606

CDR Timothy Ferree
Branch Head, Aviation Enlisted Rating
NAVPERSCOM, PERS-404
p404@persnet.navy.mil

COMM: (901) 874-3691
DSN: 882-3691
FAX: (901) 874-2642

MAJ Jon Doering
Head, ACE Branch, TFS Division
MCCDC, C5325A
doeringjg@mccdc.usmc.mil

COMM: (703) 784-6241
DSN: 278-6241
FAX: (703) 784-6072

CDR Erich Blunt
Aviation Technical Training
CNET, ETE32
cdr-erich.blunt@smtp.cnet.navy.mil

COMM: (850) 452-4915
DSN: 922-4915
FAX: (850) 452-8194

NAME/FUNCTION/ACTIVITY/CODE/INTERNET EMAIL	TELEPHONE NUMBERS	

AOCS William Harrison
Air Launched Weapons Technical Coordinator
NAMTRAGRU, N2412
harrisonwilliamc@smpt.cnet.navy.mil

COMM: (850) 452-9708 ext. 252
DSN: 922-9787
FAX: (850) 452-9769

Mr. Phil Szczyglowski
Competency Manager
NAVAIRSYSCOM, AIR 3.4.1.1
szczyglowspr@navair.navy.mil

COMM: (301) 757-9182
DSN: 757-9182
FAX: (301) 342-4723

Mr. Bob Kresge
NTSP Manager
NAVAIRSYSCOM, AIR 3.4.1.1
kresgerj@navair.navy.mil

COMM: (301) 757-9174
DSN: 757-9174
FAX: (301) 342-4723

AOCS Wallis Lacey
NTSP Coordinator
NAVAIRSYSCOM, AIR 3.4.1.1
laceywo@navair.navy.mil

COMM: (301) 757-9189
DSN: 757-9189
FAX: (301) 342-4723

AE1 Richard Axtell
MPT Analyst
NAVAIRSYSCOM, AIR 3.4.1.1
axtellra@navair.navy.navy.mil

COMM: (301) 757-9187
DSN: 757-9187
FAX: (301) 342-4723